



Bakersfield City School District

Maintenance, Operations and Facilities Department
1501 Feliz Drive
Bakersfield, California 93307
Office (661) 631-5883 Fax (661) 834-9986

Jason Sitton, Director | sittonj@bcسد.com
Leonard Zasoski Jr., Assistant Director II | zasoskil@bcسد.com
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Juan Montelongo, Assistant Director II | montelongoj@bcسد.com

March 27, 2026

To: All Bidders
Re: Exterior Painting Projects: Evergreen Elementary School, Pauly Elementary School, Eissler Elementary School, & Stiern Middle School – Addendum No. 04

Contractor Request for Information:

1. Can the primer be applied using the fog coat method, or does the District require a full, continuous coat of primer throughout?
 - **No fog coat application**
2. Is the District requiring a full coat of primer to be applied with back rolling, or only a full coat of primer without back rolling?
 - **No back rolling required on the primer application**
3. Are contractors required to completely cover the walkways and floors, as well as all surfaces not to be painted, in preparation for painting?
 - **Contractors are required to protect all surfaces and areas from paint, overspray and tire marks from vehicles or lifts.**
4. Will the district be requiring certified pay roll on a weekly basis?
 - **Yes**
5. According to the local union district 36, 60% of the Journeyman painters must be graduates from a state approved apprenticeship program while the other 40% have to have equivalent hours of an apprenticeship program graduate which is 2,700 hours for paint. Will this be enforced to the winning contractor?
 - **BCSD to hire a consultant to review certified payroll and labor compliance**
6. Is spraying without covering floor not mandatory with the district or is it mandatory to cover floor throughout painting process? Would it be acceptable to not cover the floor and power wash floor after painting is complete to remove any over spray or paint spillage?
 - **Contractors are required to protect all surfaces and areas from paint, overspray and tire marks from vehicles or lifts.**

7. Could you please clarify the ornamental iron fence painting specifications? Is to electrostatic painting?
 - All fencing is to be electrostatic painted, see the scope of work for the requirements.

Additive Alternate:

1. Provide an additive alternate to clean and paint all tile roofs. See Attachment S1.1

Stiern Middle School – Building & Walkway Painting Schedule

The areas shown below are guideline for painting of the campus

- Classroom Wing 800, Associated Walkways and Fencing (Must be Completed in June)
- Classroom Wing 700, Associated Walkways and Fencing ((Must be Completed in June)
- Classroom Wing 600 & Associated Walkways and Fencing ((Must be Completed in June)
- Classroom Wing 500 & Associated Walkways and Fencing ((Must be Completed in June)

- Classroom Wing 400. Associated Walkways and Fencing ((Can be Completed in June, must be Completed in July)
- Classroom Wing 300, Associated Walkways and Fencing ((Can be Completed in June, must be Completed in July)
- Classroom Wing 200, Associated Walkways and Fencing (Can be Completed in June, must be Completed in July)
- Wing 100 – Library, Administration, Associated Walkways and Fencing ((Can be Completed in June, must be Completed in July)
- Classroom Wing 900, Multi-Purpose, Kitchen etc., Associated Walkways and Fencing (Can be Completed in June, must be Completed in July)

Clarification Maps:

1. Two site maps have been included for the project
 - Site map (Attachment CA) is indicating areas where other contractor will be working on the campus. During the paving activities there will be access to the main campus on the north side.
 - Site map (Attachment SO) is indicating areas where students will be on the campus for approximately 8 days in 3 buildings from July 2nd – July 10th . Office staff arrives back on campus on July 27th. Nutrition staff will be onsite during the entire project as indicated on the map.

Bakersfield City School District Master Painting Specification:

1. See attached Master Spec: (COMPLETE) for painting information

Please note that each project must be bid separately and submitted in its own individual sealed envelope.

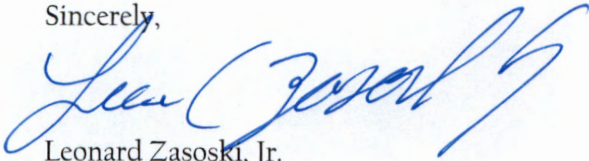
This process ensures that each project is evaluated independently and in accordance with our bid requirements. Please make sure the project name and number are clearly labeled on the outside of each sealed envelope.

Please date, sign and return this form via email to Brenda Orozco at orozcob@bcisd.com.

Date Print Name Signature

Print Company Name

Sincerely,



Leonard Zasoski, Jr.
Assistant Director II
Maintenance, Operations and Facilities
Bakersfield City School District

Exterior Painting Project
Campus Access

Exterior Painting Project
Campus Access

Exterior Painting Project
Campus Access

Roofing Project
July 1-21

Roofing Project
June 15-30

Area Closed
June 17-23
Paving Activities

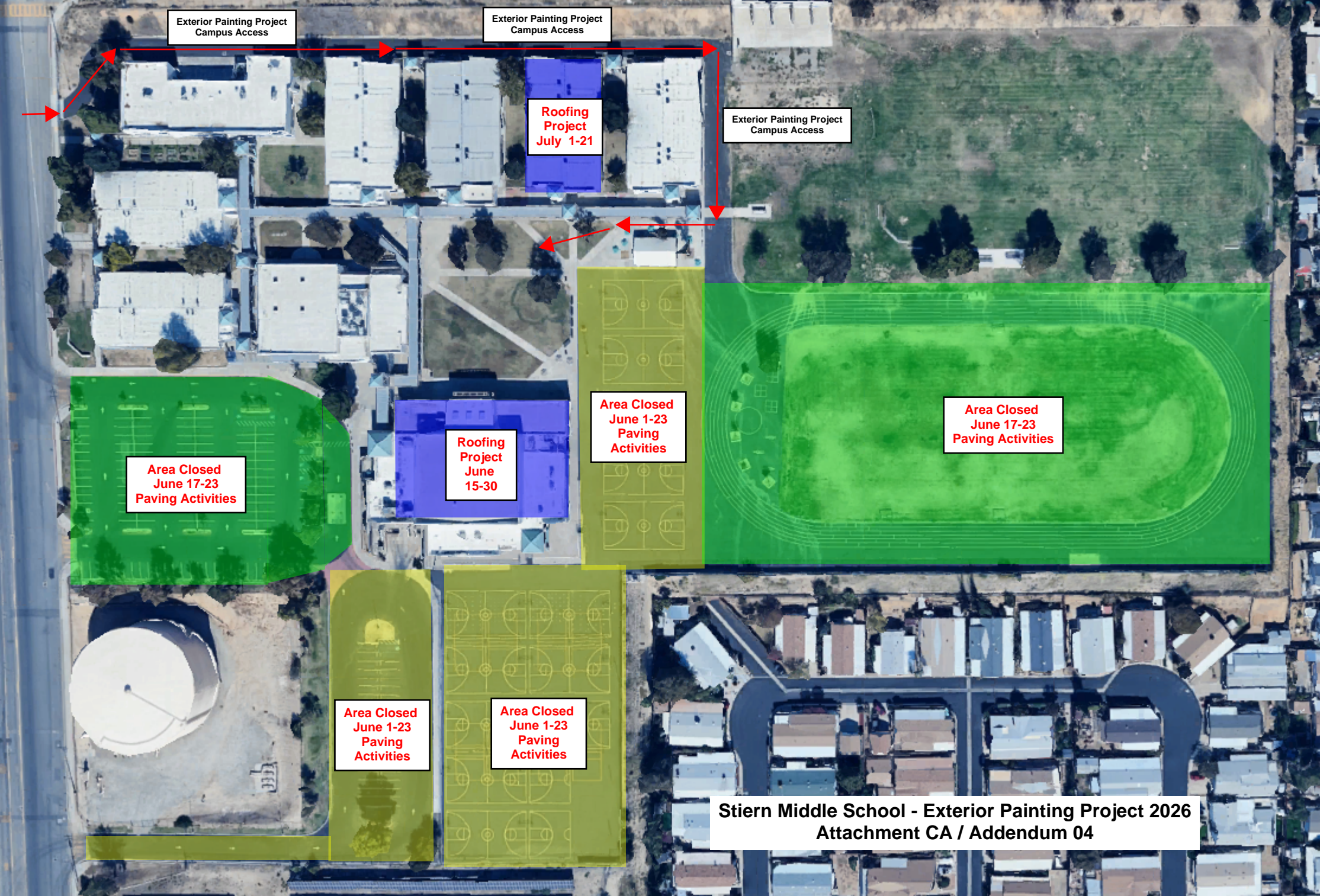
Area Closed
June 1-23
Paving Activities

Area Closed
June 17-23
Paving Activities

Area Closed
June 1-23
Paving Activities

Area Closed
June 1-23
Paving Activities

Stiern Middle School - Exterior Painting Project 2026
Attachment CA / Addendum 04



**Nutrition
Staff
On-Site
Full Time**



**Students
Staff
July 2-10
Only**

**Students
Staff
July 2-10
Only**

**Office Staff
Returns
July 27**

**Students
Staff
July 2-10
Only**

**Stiern Middle School - Exterior Painting Project 2026
Attachment SO / Addendum 04**



400 Wing

500 Wing

600 Wing

700 Wing

800 Wing

300 Wing

200 Wing

Library / Administration

Red Highlighted Areas
Additive Alternate - Paint Tile Roofs

Multi-Purpose / Kitchen
Classrooms 901-906

Stiern Middle School - Exterior Painting Project 2026
Attachment S.1.1 / Addendum 04



PAINT SPECIFICATION

SUBMITTAL: Section 09 90 00 Painting

Bakersfield City School District Master Spec
1501 Feliz Drive
Bakersfield, CA 93309

Bakersfield City School District
1501 Feliz Drive
Bakersfield, CA 93305



**THE #1 CHOICE OF
PAINTING PROFESSIONALS®**

03/23/2026

PAINT SPECIFICATION

Date: 3/23/2026
Revision for specification dated: 1/14/2026 #47550

Project: Bakersfield City School District Master Spec
1501 Feliz Drive
Bakersfield, CA 93309

Owner/
Management
Company: Victor Valdez / Brian Forsythe
Victor Valdez / Brian Forsythe
1501 Feliz Drive
Bakersfield, CA 93309
6612017864 / 6612017088
NA
valdezv@bcasd.com / forsythb@bcasd

Architect: N/A

General
Contractor: N/A

Painting
Contractor: Bakersfield City School District
1501 Feliz Drive
Bakersfield, CA 93305

Prepared By:
Carlos Patino
Sales Representative
(661) 233-7260
Carlos.Patino@DunnEdwards.com



Dunn-Edwards Corporation
4885 E 52nd Place
Los Angeles, CA 90058

**THE #1 CHOICE OF
PAINTING PROFESSIONALS™**

(888) DE PAINT | dunnedwards.com

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Exterior/Interior PAINTING SCHEDULE

- A. Prepare, paint and finish all surfaces specified and agreed upon.
- B. Provide paint finishes of even uniform color, free from cloudy or muddled appearance. Properly correct all non-complying work to the satisfaction of owner and owner's representative and the representative of the paint manufacturer.
- C. Refer to Dunn-Edwards PDS under Special Conditions for guidelines on compliance with lead-based paint safety.

Interior walls, door jams, trim, ceiling

Spot Prime: ULTRA-GRIP Premium, Acrylic Multi Purpose Primer UGPR00 Series(UGPR00)
First Coat: SPARTAWALL, Interior Eggshell Paint (SWLL30)
Second Coat: SPARTAWALL, Interior Eggshell Paint (SWLL30)

Cabinets

Spot Prime: DECOPRIME INT CABINET, DOOR & TRIM PRIME (DCPR00)
First Coat: DECOGLO Interior Semi-Gloss Cabinet, Door & Trim Paint (DGLO50)
Second Coat: DECOGLO Interior Semi-Gloss Cabinet, Door & Trim Paint (DGLO50)

exterior metal doors

Spot Prime: ULTRA-GRIP Premium, Acrylic Multi Purpose Primer UGPR00 Series(UGPR00)
First Coat: ARISTOSHIELD, Interior/Exterior Semi-Gloss Paint (ASHL50)
Second Coat: ARISTOSHIELD, Interior/Exterior Semi-Gloss Paint (ASHL50)

trim, facia, Siding

Spot Prime: ULTRA-GRIP Premium, Acrylic Multi Purpose Primer UGPR00 Series(UGPR00)
First Coat: SPARTASHIELD, Exterior 100% Acrylic Semi-Gloss Paint (SSHL50)
Second Coat: SPARTASHIELD, Exterior 100% Acrylic Semi-Gloss Paint (SSHL50)

Wooden Doors

Spot Prime: ULTRA-GRIP Premium, Acrylic Multi Purpose Primer UGPR00 Series(UGPR00)
First Coat: EVERSHIELD, Exterior /Interior Semi-Gloss Paint (EVSH50)
Second Coat: EVERSHIELD, Exterior /Interior Semi-Gloss Paint (EVSH50)

Rod iron fencing, rails

First Coat: Modern Masters Colorfast Primer Gray 2 part
Second Coat: Modern Masters Colorfast two part gloss
Third Coat: Modern Masters Colorfast two part gloss

SPECIAL NOTES AND INSTRUCTIONS:

- A. Modern Masters Colorfast two-part gray primer must be sprayed with an Electric Static Unit.
- B. Modern Masters Colorfast two-part gloss finish must be sprayed with an Electric Static Unit.

Stucco

- Spot Prime: ULTRA-GRIP Premium, Acrylic Multi Purpose Primer UGPR00 Series(UGPR00)
- First Coat: SPARTASHIELD, Exterior 100% Acrylic Eggshell Paint (SSHL30)
- Second Coat: SPARTASHIELD, Exterior 100% Acrylic Eggshell Paint (SSHL30)

Ramps

- Spot Prime: Rustoleum Porch / Floor Antiskid Satin
- First Coat: Rustoleum Porch / Floor Antiskid Satin
- Second Coat: Rustoleum Porch / Floor Antiskid Satin

SPECIAL NOTES AND INSTRUCTIONS:

A. Rustoleum Porch / Floor Antiskid Satin

B. Granules to be Added to the ramps.

Please note: This finish/color schedule is being offered as a service by Dunn-Edwards to the above referenced painting contractor. This contractor has determined that the products listed meet the requirements of the project and are appropriate for the exposures. Dunn-Edwards has not reviewed job conditions, project drawings, or any other resources to determine the appropriateness of the product recommendations.



APPLY A HIGHER STANDARD™

ULTRA-GRIP® Premium

Interior/Exterior Multi-Surface Primer UGPR00



≤ 50 g/L VOC**

ULTRA-GRIP® Premium is an ultra-low VOC, acrylic multi-surface primer designed for a wide range of interior and exterior applications. It provides excellent adhesion to properly prepared drywall, wood, and masonry, as well as hard-to-stick surfaces, such as aged alkyd, aluminum, galvanized metal, vinyl, fiberglass, and select plastics. **ULTRA-GRIP Premium** has outstanding stain blocking, strong tannin resistance, great hide, and excellent enamel holdout. It applies smoothly, dries fast, and is compatible with all Dunn-Edwards latex and alkyd finishes.

PRODUCT INFORMATION

SOLVENT TYPE: Waterborne | **RESIN TYPE:** Copolymer

FINISH (ASTM D 523): 7–14% on a 60° meter

COLORS: White. **ULTRA-GRIP Premium** may be tinted with up to 2 fl. oz. of Dunn-Edwards ZTC Zero VOC colorant per gallon.

VISCOSITY@77°F/25°C (ASTM D 562): 95–105 KU

MAXIMUM VOC CONTENT 50 g/L (as supplied) | **MAXIMUM RAVOC** (Reactivity-Adjusted VOC) 20 g/L

SOLIDS BY VOLUME (ASTM D 2697) 39.9% ± 2% | **SOLIDS BY WEIGHT** 51.8 ± 2%

WEIGHT PER GALLON (ASTM D 1475): 10.53 lbs.

COMPOSITION BY WEIGHT

Pigment—25.7% | **Vehicle—74.3%**
*Prime pigments 13.2 Resin solids 23.3
Reinforcing pigments 12.5 Water & additives 51.0

*Prime pigments include titanium dioxide (TiO₂), plus all other pigments directly adding to the hiding power of this paint.

RECOMMENDED FILM THICKNESS PER COAT

Wet: 4.9 mils | Dry: 1.5 mils

PERFORMANCE SPECIFICATION

Mandrel Bend Results: Pass | **ASTM D 522-B (No Cracking over 1/2" mandrel)**
Adhesion Results: Pass 100% | **ASTM D3359 (Birch)**

PRACTICAL COVERAGE PER COAT AT RECOMMENDED DRY FILM THICKNESS
Approximately 275–350 sq. ft. per gallon, depending on surface conditions and application techniques.

THINNING RECOMMENDATION: This coating is intended to be applied without thinning or diluting under normal environmental and application conditions. If necessary to maintain good workability, add up to 1/4 pint (4 fl. oz.) of clean water per gallon of coating.

AVERAGE DRY TIME@77°F/25°C (ASTM D 1640)

To touch: 1–2 hours | Recoat: 2–4 hours
Dry times and recoat times are temperature, humidity and film thickness dependent.

APPLICATION EQUIPMENT: Airless spray

AIRLESS SPRAY	BRUSH	ROLLER
PRESSURE: 1800–2500 psi TIP: .013"–.017"	Nylon/Polyester	Smooth Surfaces: 1/4" - 3/8" nap Semi-Smooth Surfaces: 3/8" - 1/2" nap

PACKAGING: Quart, one-gallon, five-gallon containers

STORAGE: Store in a dry area. Protect from freezing. Protect from temperatures above 110°F for extended periods of time. Extreme temperatures may cause paint to become unusable. See *Paint Storage Best Practices* Technical Bulletin at dunnedwards.com for more information.

CLEANUP: Warm, soapy water

DISPOSAL: For information on local options to dispose of unwanted left-over paint, call Dunn-Edwards Customer Service at 1-888-DEPAINT or visit www.dunnedwards.com. **Do not mix with other products.**

CONFORMS TO:

- ARB 2007/2020 SCM & CALGreen 2022
- CA Section 01350
- LEED v4/4.1
- SCAQMD Rule 1113
- CA Extended Producer Responsibility
- MIR, HPD
- MPI Approved Product #17, #134
- CRGI Green Wise Gold Certified
- FDA Guidelines for Coatings

SAFETY DATA SHEET: Available at www.dunnedwards.com

SURFACE PREPARATION: All surfaces must be cured, clean, dry, and free from dirt, dust, rust, stains, grease, oil, mildew, wax, efflorescence, bond-breakers, and other contaminants. Remove all loose, peeling, or chalky paint by sanding, scraping, or other appropriate methods. Repair all cracks, holes, and other surface imperfections with a suitable patching material. Repaired surfaces should then be sanded smooth and dusted clean. Glossy surfaces should be dulled to provide a roughened surface for good adhesion.

SPECIAL INSTRUCTIONS

- **CAUTION!** Scraping or sanding surfaces of older buildings (especially pre-1978) may release dust containing lead or asbestos. EXPOSURE TO LEAD OR ASBESTOS CAN BE VERY HAZARDOUS TO YOUR HEALTH. Wear a NIOSH-approved N100 particulate filter mask to avoid breathing dust. Use a HEPA vacuum for cleanup, and finish by water-washing all surfaces. For more information, see Dunn-Edwards brochure on "Surface Preparation Safety" or call U.S. EPA's lead hotline at 1-800-424-LEAD, or visit www.epa.gov/leador / asbestos, or contact your state or local Health Agency.
- This product can neither cause nor prevent or cure the growth of mold, mildew, or other forms of fungus. Excessive moisture and inadequate ventilation are the main conditions that promote their growth. Correct any such conditions before painting.
- **ULTRA-GRIP® Premium (UGPR00)** seals and blocks out most household stains, such as crayon, pencil, ink, and felt marker. After priming stained areas, test that the stain has been sealed by applying the topcoat to a small area. More than one coat may be necessary on severe stains. **ULTRA-GRIP® Premium (UGPR00)** may block minor dried water stains, however, a solvent-based stain blocking primer, such as pigmented shellac, is recommended.
- Galvanized metal must be cleaned with a solvent or a water-soluble degreasing cleaner to remove all oils prior to etching. Change wiping material and cleaning solution frequently so the oils are removed from the surface, not just spread around. The surface should then be treated with an etching solution to promote proper adhesion of coatings.
- **ULTRA-GRIP® Premium (UGPR00)** can be used on bare ferrous metal surfaces (interior only) provided that they are free of rust, mill scale, and other contaminants. Before any surface preparation is attempted, oil and grease must be removed by employing SSPC-SP11 Power Tool Cleaning to Bare Metal to remove mill scale, rust, or other contaminants and to leave a roughened surface.
- Before applying over previously painted surfaces, **ULTRA-GRIP® Premium (UGPR00)** should be tested for adhesion and compatibility.
- On Level 4 and 5 Drywall Finishes, thin **ULTRA-GRIP® Premium (UGPR00)** with 10% of clean water (3/4 pint per gallon/1/2 gallon per 5-gallon) for best penetration.
- Do not apply when the air or surface temperature is below 50°F.



APPLY A HIGHER STANDARD™

ULTRA-GRIP® Premium

Interior/Exterior Multi-Surface Primer UGPR00



≤ 50 g/L VOC**

PRODUCT INFORMATION

PRIMERS

MASONRY & MASONRY: ULTRA-GRIP® Premium can be applied on surfaces with a pH of up to 13.

Drywall:
Stucco:
Concrete:
Brick: } **ULTRA-GRIP® Premium (UGPR00)**

WOOD-INTERIOR

Trim, doors: } **ULTRA-GRIP® Premium (UGPR00) or
DECOPRIME® (DCPR00)**

WOOD-EXTERIOR

Trim, sash:
T1-11 siding: } **ULTRA-GRIP® Premium (UGPR00) or
EZ-PRIME® Premium (EZPR00)**

SYNTHETIC WOOD

Masonite:
Hardboard: } **ULTRA-GRIP® Premium (UGPR00)**

METAL

Ferrous: } **BLOC-RUST® Premium (BRPR00) or
ENDURAPRIME® Metal Primer (ENPR00)**

Non-ferrous: } **ULTRA-GRIP® Premium (UGPR00),
ULTRASHIELD® Galvanized Metal Primer (ULGM00) or
SUPER-LOC® Premium (SLPR00)**

Galvanized steel: } **ULTRASHIELD® Galvanized Metal Primer (ULGM00) or
*ULTRA-GRIP® Premium (UGPR00)**

OTHER SURFACES

Fiberglass:
Plastic: } **ULTRA-GRIP® Premium (UGPR00) – INTERIOR ONLY**

**for incidental use on galvanized*

***This product has been tested and certified by Coatings Research Group Inc., an international paint industry-organized ISO-accredited testing laboratory, to meet performance and environmental standards as shown on www.greenwisepaint.com. Dunn-Edwards is a member of CRGI.*

HEALTH & SAFETY CAUTIONS! INHALATION OF SPRAY MIST OR SANDING DUST MAY BE HARMFUL. Use only with adequate ventilation. Avoid breathing vapors, spray mist and sanding dust. Wear NIOSH-approved N100 particulate filter mask when spraying or sanding. Avoid contact with skin and eyes. Do not ingest. Close container after each use. **FIRST AID:** If swallowed, immediately give 1 or 2 glasses of water to drink – for emergency information, call 1-800-222-1222. If having difficulty breathing, move to fresh air. For eye contact, immediately flush with water for 15 minutes. For skin contact, wash thoroughly with soap and water.

• KEEP OUT OF REACH OF CHILDREN •

Ingredient (CAS #): Water (7732-18-5); Copolymer Resin (Proprietary); Titanium Dioxide (13463-67-7); Aluminosilicates (68476-25-5/37244-96-5); Talc, No Asbestos (14807-96-6); Quartz (14808-60-7).

⚠ WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov



SPARTAWALL®

Low Odor | Zero VOC

Interior Eggshell Paint

SWLL30



≤ 50 g/L VOC**

APPLY A HIGHER STANDARD™

SPARTAWALL® Eggshell is a premium interior, Zero VOC, acrylic paint that has very low odor and no added organic solvents. **SPARTAWALL Eggshell** is ideal for use on residential and commercial projects, schools, hospitals, and in other occupied spaces where low odor products are preferred. **SPARTAWALL Eggshell** forms a tough, washable finish ideal for use in high traffic areas, walls, trim and doors, window frames, and handrails.

PRODUCT INFORMATION

SOLVENT TYPE: Waterborne | **RESIN TYPE:** Copolymer

FINISH (ASTM D 523): Eggshell: 10–15% on a 60° meter; 15–30% on an 85° meter

COLORS: All colors can be special ordered or store mixed.

TINT BASES: L Tintable White, M Medium, U Ultra Deep

VISCOSITY@77°F/25°C (ASTM D 562): 100–105 KU

MAXIMUM VOC CONTENT | **MAXIMUM RAVOC** (Reactivity-Adjusted VOC)
2 g/L (by ASTM Test Method D 6886) | 1 g/L

NOTE: "Zero VOC" means "No organic solvents added." (Trace amounts of VOC may be present as residual components of other ingredients. Dunn-Edwards uses Zero VOC colorants; other additives may increase VOC emissions.)

SOLIDS BY VOLUME (ASTM D 2697) | **SOLIDS BY WEIGHT**
36.0% ± 2% | 47.0% ± 2%

WEIGHT PER GALLON (ASTM D 1475): 10.39 lbs.

COMPOSITION BY WEIGHT

Pigment–26.7%	Vehicle–73.3%
*Prime pigments 16.6	Resin solids 17.9
Reinforcing pigments..... 10.1	Water & additives 55.4

*Prime pigments include titanium dioxide (TiO₂), plus all other pigments directly adding to the hiding power of this paint.

RECOMMENDED FILM THICKNESS PER COAT

Wet: 4.2 mils | Dry: 1.5 mils

PERFORMANCE SPECIFICATION

Scrubability Results: >4000 cycles | **ASTM D2486; no shim**
Block Resistance Results: Excellent | **ASTM D4946-08; Room Conditioned**

PRACTICAL COVERAGE PER COAT AT RECOMMENDED DRY FILM THICKNESS

Approximately 350–425 sq. ft. per gallon, depending on surface conditions and application techniques.

THINNING RECOMMENDATION: This coating is intended to be applied without thinning or diluting under normal environmental and application conditions. If necessary to maintain good workability, add up to 1/4 pint (4 fl. oz.) of clean water per gallon of coating.

AVERAGE DRY TIME@77°F/25°C

To touch: 1-2 hours | Recoat: After 2-4 hours
Dry times and recoat times are temperature, humidity and film thickness dependent.

APPLICATION EQUIPMENT: Brush, roller, airless spray

AIRLESS SPRAY	BRUSH	ROLLER
PRESSURE: 1800-2500 psi	Nylon/Polyester	Smooth Surfaces: ¼" - ⅜" nap
TIP: .013"-.017"		Semi-Smooth Surfaces: ⅜" - ½" nap

PACKAGING: One-gallon, five-gallon containers

STORAGE: Store in a dry area. Protect from freezing. Protect from temperatures above 110°F for extended periods of time. Extreme temperatures may cause paint to become unusable. See *Paint Storage Best Practices* Technical Bulletin at dunnedwards.com for more information.

CLEANUP: Warm, soapy water

DISPOSAL: For information on local options to dispose of unwanted leftover paint, call Dunn-Edwards Customer Service at 1-888-DEPAINT or visit www.dunnedwards.com. **Do not mix with other products.**

CONFORMS TO:

- | | |
|--|--|
| <ul style="list-style-type: none"> • ARB 2007/2022 SCM & CALGreen 2022 • CA Section 01350 • LEED v4/4.1 • SCAQMD Rule 1113 • CA Extended Producer Responsibility • EPD | <ul style="list-style-type: none"> • MIR, HPD • MPI Approved Product #52 • CRGI Green Wise Gold Certified • FDA Guideline for Coatings |
|--|--|

SAFETY DATA SHEET: Available at www.dunnedwards.com

SURFACE PREPARATION: All surfaces must be cured, clean, dry, and free from dirt, dust, rust, stains, grease, oil, mildew, wax, efflorescence, bond-breakers, and other contaminants. Remove all loose, peeling, or chalky paint by sanding, scraping, or other appropriate methods. Repair all cracks, holes, and other surface imperfections with a suitable patching material. Repaired surfaces should then be sanded smooth and dusted clean. Glossy surfaces should be dulled to provide a roughened surface for good adhesion.

SPECIAL INSTRUCTIONS

- **CAUTION!** Scraping or sanding surfaces of older buildings (especially pre-1978) may release dust containing lead or asbestos. EXPOSURE TO LEAD OR ASBESTOS CAN BE VERY HAZARDOUS TO YOUR HEALTH. Wear a NIOSH-approved N100 particulate filter mask to avoid breathing dust. Use a HEPA vacuum for cleanup, and finish by water-washing all surfaces. For more information, see Dunn-Edwards brochure on "Surface Preparation Safety" or call U.S. EPA's lead hotline at 1-800-424-LEAD, or visit www.epa.gov/lead or /asbestos, or contact your state or local Health Agency.
- This product can neither cause nor prevent or cure the growth of mold, mildew, or other forms of fungus. Excessive moisture and inadequate ventilation are the main conditions that promote their growth. Correct any such conditions before painting.
- This paint contains a preservative which inhibits the growth of mold and mildew on surface of this paint film.
- On Level 4 and 5 Drywall Finishes, use **VINYLASTIC® Plus (VNPL00)** thinned with 10% of clean water (3/4 pints per gallon or 1/2 gallon per 5-gallons) for best penetration.
- Do not apply when the air or surface temperature is below 50°F.



APPLY A HIGHER STANDARD™

SPARTAWALL®

Low Odor | Zero VOC
Interior Eggshell Paint
SWLL30



≤ 50 g/L VOC**

PRODUCT INFORMATION

PRIMERS

DRYWALL

Textured: }
Untextured: } **Self-priming** (first coat)

Skim-coated: } **VINYLASTIC® Plus (VNPL00)**
(see *Special Instructions*)

MASONRY

Plaster: }
Tilt-up concrete: } **EFF-STOP® Premium (ESPR00),**
Poured-in-place: } **EFF-STOP® Select (ESSL00)** or
Brick: } **FLEX-PRIME® Select (FPSL00)**

Concrete block: } **Smooth BLOCFIL™ Premium (SBPR00)** or
Smooth BLOCFIL™ Select (SBSL00),
FLEX-PRIME® Select (FPSL00)

Smooth trowel: } **SUPER-LOC® Premium (SLPR00)**

WOOD/SYNTHETIC WOOD - INTERIOR

Trim, doors: } **DECOPRIME® (DCPR00),**
Masonite: } **ULTRA-GRIP® Premium (UGPR00)** or
Hardboard: } **ULTRA-GRIP® Select (UGSL00)**

METAL

Ferrous: } **BLOC-RUST® Premium (BRPR00)** or
ENDURAPRIME® Metal Primer (ENPR00)

Non-ferrous: } **ULTRASHIELD® Galvanized Metal Primer (ULGM00),**
BLOC-RUST® Premium (BRPR00) or
SUPER-LOC® Premium (SLPR00)

Galvanized steel: } **ULTRASHIELD® Galvanized Metal Primer (ULGM00)** or
***ULTRA-GRIP® Premium (UGPR00)**

**for incidental use on galvanized*

***This product has been tested and certified by Coatings Research Group Inc., an international paint industry-organized ISO-accredited testing laboratory, to meet performance and environmental standards as shown on www.greenwisepaint.com. Dunn-Edwards is a member of CRGI.*

HEALTH & SAFETY CAUTIONS! INHALATION OF SPRAY MIST OR SANDING DUST MAY BE HARMFUL. Use only with adequate ventilation. Avoid breathing vapors, spray mist and sanding dust. Wear NIOSH-approved N100 particulate filter mask when spraying or sanding. Avoid contact with skin and eyes. Do not ingest. Close container after each use. **FIRST AID:** If swallowed, immediately give 1 or 2 glasses of water to drink – for emergency information, call 1-800-222-1222. If having difficulty breathing, move to fresh air. For eye contact, immediately flush with water for 15 minutes. For skin contact, wash thoroughly with soap and water.

• **KEEP OUT OF REACH OF CHILDREN** •

Ingredient (CAS #): Water (7732-18-5); Copolymer Resin (Proprietary); Titanium Dioxide (13463-67-7); Aluminosilicates (68476-25-5/37244-96-5); Kaolin, Calcined (92704-41-1); Quartz (14808-60-7).

⚠ WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov



DECOPRIME®

Interior CABINET, DOOR & TRIM PRIMER DCPR00



≤ 50 g/L VOC**

APPLY A HIGHER STANDARD™

DECOPRIME® is a premium, fast drying, ultra-low VOC, water-based, wood primer for interior wood, and hardboard. It is ideal for use on new wood cabinets, doors & trim. It can also be applied over previously painted wood surfaces that are in good condition. DECOPRIME has unparalleled sandability and provides excellent hide and sealing qualities. It also has very good household stain blocking resistance, including smoke stains.

PRODUCT INFORMATION

SOLVENT TYPE: Waterborne | **RESIN TYPE:** 100% acrylic

FINISH (ASTM D 523): 5–10% on a 60° meter

COLORS: White. DECOPRIME may be tinted with up to 2 fl. oz. of Dunn-Edwards ZTC Zero VOC colorant per gallon.

VISCOSITY@77°F/25°C (ASTM D 562): 98–106 KU

MAXIMUM VOC CONTENT 50 g/L (as supplied) | **MAXIMUM RAVOC** (Reactivity-Adjusted VOC) 15 g/L

SOLIDS BY VOLUME (ASTM D 2697) 38.6% ± 2% | **SOLIDS BY WEIGHT** 53.2 ± 2%

WEIGHT PER GALLON (ASTM D 1475): 10.88 lbs.

COMPOSITION BY WEIGHT

Pigment—30.5% | **Vehicle—69.5%**
 *Prime pigments 15.6 | Resin solids 20.3
 Reinforcing pigments 14.9 | Water & additives 49.2

*Prime pigments include titanium dioxide (TiO₂), plus all other pigments directly adding to the hiding power of this paint.

RECOMMENDED FILM THICKNESS PER COAT

Wet: 4 mils | Dry: 1.5 mils

PERFORMANCE SPECIFICATION

Mandrel Bend Results: Pass | **ASTM D 522-B (No Cracking over 1/2" mandrel)**
 Adhesion Results: Pass 100% | **ASTM D3359 (Birch)**

PRACTICAL COVERAGE PER COAT AT RECOMMENDED DRY FILM THICKNESS

Approximately 350-425 sq. ft. per gallon, depending on surface conditions and application techniques.

THINNING RECOMMENDATION: This coating is intended to be applied without thinning or diluting under normal environmental and application conditions. If necessary to maintain good workability, add up to 1/4 pint (4 fl. oz.) of clean water per gallon of coating.

AVERAGE DRY TIME@77°F/25°C (ASTM D 1640)

To touch: 30–60 minutes | Recoat: 1–2 hours
 Dry times and recoat times are temperature, humidity and film thickness dependent.

APPLICATION EQUIPMENT:

AIRLESS SPRAY	BRUSH	ROLLER
PRESSURE: 1800-2500 psi	Nylon/Polyester	Smooth Surfaces: 1/4" - 3/8" nap Semi-Smooth Surfaces: 3/8" - 1/2" nap
TIP: .013"-.015" Drywall: .015"-.019"		

PACKAGING:

One-gallon, five-gallon containers
STORAGE: Store in a dry area. Protect from freezing. Protect from temperatures above 110°F for extended periods of time. Extreme temperatures may cause paint to become unusable. See *Paint Storage Best Practices* Technical Bulletin at dunnedwards.com for more information.

CLEANUP:

Warm, soapy water
DISPOSAL: For information on local options to dispose of unwanted left-over paint, call Dunn-Edwards Customer Service at 1-888-DEPAINT or visit www.dunnedwards.com. **Do not mix with other products.**

CONFORMS TO:

- ARB 2007/2022 SCM & CALGreen 2022
- LEED v4/4.1
- SCAQMD Rule 1113
- CA Extended Producer Responsibility
- MIR, HPD
- MPI Approved Product #139
- CRGI Green Wise Certified
- FDA Guidelines for Coatings

SAFETY DATA SHEET: Available at www.dunnedwards.com

SURFACE PREPARATION: All surfaces must be cured, clean, dry, and free from dirt, dust, rust, stains, grease, oil, mildew, wax, efflorescence, bond-breakers, and other contaminants. Remove all loose, peeling, or chalky paint by sanding, scraping, or other appropriate methods. Repair all cracks, holes, and other surface imperfections with a suitable patching material. Repaired surfaces should then be sanded smooth and dusted clean. Glossy surfaces should be dulled to provide a roughened surface for good adhesion.

SPECIAL INSTRUCTIONS

- **CAUTION!** Scraping or sanding surfaces of older buildings (especially pre-1978) may release dust containing lead or asbestos. EXPOSURE TO LEAD OR ASBESTOS CAN BE VERY HAZARDOUS TO YOUR HEALTH. Wear a NIOSH-approved N100 particulate filter mask to avoid breathing dust. Use a HEPA vacuum for cleanup, and finish by water-washing all surfaces. For more information, see Dunn-Edwards brochure on "Surface Preparation Safety" or call U.S. EPA's lead hotline at 1-800-424-LEAD, or visit www.epa.gov/lead or / asbestos, or contact your state or local Health Agency.
- This product can neither cause nor prevent or cure the growth of mold, mildew, or other forms of fungus. Excessive moisture and inadequate ventilation are the main conditions that promote their growth. Correct any such conditions before painting.
- On Level 4 and 5 Drywall Finishes, thin DECOPRIME® with 10% of clean water (3/4 pint per gallon/1/2 gallon per 5-gallon) for best penetration.
- Allow all skim coats to cure for 3 days before sealing.
- Do not apply when the air or surface temperature is below 50°F.

USE AS A PRIMER FOR

WOOD
 Doors, trim } DECOPRIME® (DCPR00),

SYNTHETIC WOOD
 Masonite: } DECOPRIME® (DCPR00)
 Hardboard:

**This product has been tested and certified by Coatings Research Group Inc., an international paint industry-organized ISO-accredited testing laboratory, to meet performance and environmental standards as shown on www.greenwisepaint.com. Dunn-Edwards is a member of CRGI.

HEALTH & SAFETY CAUTIONS! INHALATION OF SPRAY MIST OR SANDING DUST MAY BE HARMFUL. Use only with adequate ventilation. Avoid breathing vapors, spray mist and sanding dust. Wear NIOSH-approved N100 particulate filter mask when spraying or sanding. Avoid contact with skin and eyes. Do not ingest. Close container after each use. **FIRST AID:** If swallowed, immediately give 1 or 2 glasses of water to drink – for emergency information, call 1-800-222-1222. If having difficulty breathing, move to fresh air. For eye contact, immediately flush with water for 15 minutes. For skin contact, wash thoroughly with soap and water.

• KEEP OUT OF REACH OF CHILDREN •

Ingredient (CAS #): Water (7732-18-5); Copolymer Resin (Proprietary); Titanium Dioxide (13463-67-7); Aluminosilicates (68476-25-5/37244-96-5); Talc, Non-Asbestos (14807-96-6); Quartz (14808-60-7).

⚠ WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov



DECOGLO®

Interior Semi-Gloss Cabinet, Door & Trim Paint

DGLO50



≤ 50 g/L VOC**

APPLY A HIGHER STANDARD™

DECOGLO® Semi-Gloss is an ultra-premium, interior, ultra-low VOC, urethane modified acrylic cabinet, door & trim paint. DECOGLO Semi-Gloss is fast drying with exceptional film hardness, scuff, chemical and block resistance. It is easy to apply and is ideal for use on properly prepared interior wood substrates, including furniture.

PRODUCT INFORMATION

SOLVENT TYPE: Waterborne | **RESIN TYPE:** Urethane acrylic

FINISH (ASTM D 523): Semi-Gloss: 40–50% on a 60° meter

COLORS: All colors can be special ordered or store mixed.

TINT BASES: L Tintable White, M Medium, U Ultra Deep

VISCOSITY@77°F/25°C (ASTM D 562): 90–100 KU

MAXIMUM VOC CONTENT 50 g/L (as supplied) | **MAXIMUM RAVOC (Reactivity-Adjusted VOC)** 40 g/L

SOLIDS BY VOLUME (ASTM D 2697) 36.0% ± 2% | **SOLIDS BY WEIGHT** 48.9% ± 2%

WEIGHT PER GALLON (ASTM D 1475): 10.42 lbs.

COMPOSITION BY WEIGHT

Pigment—23.6% | **Vehicle—76.4%**
 *Prime pigments 22.5 | Resin solids 21.3
 Reinforcing pigments 1.1 | Water & additives 55.1

*Prime pigments include all pigments directly adding to the hiding power of this paint.

RECOMMENDED FILM THICKNESS PER COAT

Wet: 4.2 mils | Dry: 1.5 mils

PERFORMANCE SPECIFICATION:

tests the finish to withstand substances typically found in households and some household cleaners. Contact and dry time for each chemical is in accordance to KCMA and MPI test procedures

RESULTS: KCMA Chemicals

Vinegar Excellent
 Lemon Excellent
 Orange Juice Excellent
 Grape Juice Excellent
 Ketchup Excellent
 Coffee Excellent
 Olive Oil Excellent
 100-Proof Alcohol Good
 *Detergent Excellent
 Mustard Good

Note: *A liquid solution consisting of water plus one-half percent (by weight) of an unconcentrated liquid dishwashing detergent intended for hand washing

RESULTS: MPI Chemicals

Sulphuric Acid (50%) Excellent
 Hydrochloric Acid (10%) Excellent
 Phosphoric Acid (5%) Excellent
 Sodium Hydroxide (25%) Excellent
 Methanol Good
 Mineral Spirits Excellent
 Motor Oil Excellent
 Vegetable Oil Excellent

PRACTICAL COVERAGE PER COAT AT RECOMMENDED DRY FILM THICKNESS

Approximately 325-400 sq. ft. per gallon, depending on surface conditions and application techniques.

THINNING RECOMMENDATION: This coating is intended to be applied without thinning or diluting for spray application. For brush and roll application, if thinning is necessary to maintain good workability, add up to 1/4 pint (4 fl. oz.) of clean water per gallon of coating.

AVERAGE DRY TIME@77°F/25°C (ASTM D 1640)

To touch: 1 hour | Recoat: Spray 2 hours, Brush & Roll 6 hours
 For best results wait 24 hours to recoat with brush & roll. Dry times and recoat time are temperature, humidity and film thickness dependent. Full cure: 7 days at 77°F/25°C and 50% RH

APPLICATION EQUIPMENT: Brush, roller, airless spray

AIRLESS SPRAY	BRUSH	ROLLER
PRESSURE: 1800-2500 psi TIP: .013"-.015"	Nylon/Polyester	Smooth Surfaces: ¼" nap Semi-Smooth Surfaces: ⅜" - ½" nap

PACKAGING: Quart and one-gallon containers

STORAGE: Store in a dry area. Protect from freezing. Protect from temperatures above 110°F for extended periods of time. Extreme temperatures may cause paint to become unusable. See *Paint Storage Best Practices* Technical Bulletin at dunnedwards.com for more information.

CLEANUP: Warm, soapy water

DISPOSAL: For information on local options to dispose of unwanted leftover paint, call Dunn-Edwards Customer Service at 1-888-DEPAINT or visit www.dunnedwards.com. **Do not mix with other products.**

CONFORMS TO:

- ARB 2007/2022 SCM & CALGreen 2022
- CA Section 01350
- LEED v4/4.1
- SCAQMD Rule 1113
- CA Extended Producer Responsibility
- MIR, HPD
- MPI Approved Product #141, #153
- CRGI Green Wise Certified
- FDA Guidelines for Coatings

SAFETY DATA SHEET: Available at www.dunnedwards.com

SURFACE PREPARATION: DECOGLO Semi-Gloss is self priming on most surfaces. For previously painted surfaces that are properly repaired as needed, one (1) coat may be sufficient. For properly prepared new surfaces, two (2) coats are typically required. All surfaces must be cured, clean, dry, and free from dirt, dust, rust, stains, grease, oil, mildew, wax, efflorescence, bond-breakers, and other contaminants. Remove all loose, peeling, or chalky paint by sanding, scraping, or other appropriate methods. Repair all cracks, holes, and other surface imperfections with a suitable patching material. Repaired surfaces should then be sanded smooth and dusted clean. Glossy surfaces should be dulled to provide a roughened surface for good adhesion.

SPECIAL INSTRUCTIONS

- **CAUTION!** Scraping or sanding surfaces of older buildings (especially pre-1978) may release dust containing lead or asbestos. EXPOSURE TO LEAD OR ASBESTOS CAN BE VERY HAZARDOUS TO YOUR HEALTH. Wear a NIOSH-approved N100 particulate filter mask to avoid breathing dust. Use a HEPA vacuum for cleanup, and finish by water-washing all surfaces. For more information, see Dunn-Edwards brochure on "Surface Preparation Safety" or call U.S. EPA's lead hotline at 1-800-424-LEAD, or visit www.epa.gov/lead or www.epa.gov/asbestos, or contact your state or local Health Agency.
- This product can neither cause nor prevent or cure the growth of mold, mildew, or other forms of fungus. Excessive moisture and inadequate ventilation are the main conditions that promote their growth. Correct any such conditions before painting.
- This paint contains a preservative which inhibits the growth of mildew on surface of this paint film.
- Do not apply when the air or surface temperature is below 50°F



APPLY A HIGHER STANDARD™

DECOGLO®

Interior Semi-Gloss Cabinet, Door & Trim Paint

DGLO50



≤ 50 g/L VOC**

PRODUCT INFORMATION

PRIMERS

WOOD

Cabinets, doors, trim: } **DECOPRIME® (DCPR00)** or **ULTRA-GRIP® Premium (UGPR00)**

SYNTHETIC WOOD

Masonite: } **DECOPRIME® (DCPR00)**
Hardboard: }

***This product has been tested and certified by Coatings Research Group Inc., an international paint industry-organized ISO-accredited testing laboratory, to meet performance and environmental standards as shown on www.greenwisepaint.com. Dunn-Edwards is a member of CRGI.*

HEALTH & SAFETY CAUTIONS! INHALATION OF SPRAY MIST OR SANDING DUST MAY BE HARMFUL. Use only with adequate ventilation. Avoid breathing vapors, spray mist and sanding dust. Wear NIOSH-approved N100 particulate filter mask when spraying or sanding. Avoid contact with skin and eyes. Do not ingest. Close container after each use. **FIRST AID:** If swallowed, immediately give 1 or 2 glasses of water to drink – for emergency information, call 1-800-222-1222. If having difficulty breathing, move to fresh air. For eye contact, immediately flush with water for 15 minutes. For skin contact, wash thoroughly with soap and water.

• **KEEP OUT OF REACH OF CHILDREN** •

Ingredient (CAS #): Water (7732-18-5); Titanium Dioxide (13463-67-7); Copolymer Resin (Proprietary); Propylene Glycol (57-55-6); Silica Gel, Crystalline Free (112926-00-8).

⚠ **WARNING:** Cancer and Reproductive Harm – www.P65Warnings.ca.gov



APPLY A HIGHER STANDARD™

ARISTOSHIELD®

Interior/Exterior Semi-Gloss Paint

ASHL50



≤ 50 g/L VOC**

ARISTOSHIELD® Semi-Gloss is an ultra-premium interior/exterior ultra-low VOC enamel formulated with advanced water-based urethane alkyd technology for an oil-like finish. It is ideal for use on high-end residential, commercial, and industrial projects where superior performance and durability are required on doors, trim, cabinets, as well as metal surfaces such as wrought iron, garage doors, hand rails, and metal doors.

PRODUCT INFORMATION

SOLVENT TYPE: Waterborne | **RESIN TYPE:** Waterborne urethane alkyd

FINISH (ASTM D 523): Semi-Gloss: 65–80% on a 60° meter after 14 days.

COLORS: Stock colors: Black, Swiss Coffee. Other colors, as well as 6 OSHA safety colors, can be special ordered or store mixed.

TINT BASES: L Tintable White, M Medium, U Ultra Deep

VISCOSITY@77°F/25°C (ASTM D 562): 95–105 KU

MAXIMUM VOC CONTENT 50 g/L (as supplied) | **MAXIMUM RAVOC** (Reactivity-Adjusted VOC) 50 g/L

SOLIDS BY VOLUME (ASTM D 2697) 37.2% ± 2% | **SOLIDS BY WEIGHT** 52.0% ± 2%

WEIGHT PER GALLON (ASTM D 1475): 10.85 lbs.

COMPOSITION BY WEIGHT

Pigment–26.7% | **Vehicle–73.3%**
*Prime pigments26.7 Resin solids23.6
Reinforcing pigments.....0.0 Water & additives49.7

*Prime pigments include titanium dioxide (TiO₂), plus all other pigments directly adding to the hiding power of this paint.

RECOMMENDED FILM THICKNESS PER COAT

Wet: 4.0 mils | Dry: 1.5 mils

PERFORMANCE SPECIFICATION

Permeability: 1.93 | **ASTM D 1653-13 Method A**
Scrubability Results: >4000 cycles | **ASTM D2486; no shim**
Pencil Hardness Results: H | **ASTM D3363; 7 day cure**
Accelerated Weathering Results: Pass | **ASTM D4587-23; 500 hrs**
Mandrel Bend Results: Pass | **ASTM D522-B; 1/2" mandrel**
Washability Results: Pass | **ASTM D4828; avg of 5 stains**
Block Resistance Results: Excellent |
ASTM D4946; Room & High Temp Conditioned

PRACTICAL COVERAGE PER COAT AT RECOMMENDED DRY FILM THICKNESS

Approximately 350–425 sq. ft. per gallon, depending on surface conditions and application techniques.

THINNING RECOMMENDATION: This coating is intended to be applied without thinning or diluting under normal environmental and application conditions. If necessary to maintain good workability, add up to 1/4 pint (4 fl. oz.) of clean water per gallon of coating.

AVERAGE DRY TIME@77°F/25°C

To touch: 1-2 hours | Recoat: After 4-6 hours
Dry times and recoat times are temperature, humidity and film thickness dependent.

APPLICATION EQUIPMENT: Brush, roller, airless spray

AIRLESS SPRAY	BRUSH	ROLLER
PRESSURE: 1800-2500 psi	Nylon/Polyester	Smooth Surfaces: ¼" nap
TIP: .013"-.015"		Semi-Smooth Surfaces: ¾" - ½" nap

PACKAGING: Quart, one-gallon, five-gallon containers

STORAGE: Store in a dry area. Protect from freezing. Protect from temperatures above 110°F for extended periods of time. Extreme temperatures may cause paint to become unusable. See *Paint Storage Best Practices* Technical Bulletin at dunnedwards.com for more information.

CLEANUP: Warm, soapy water

DISPOSAL: For information on local options to dispose of unwanted leftover paint, call Dunn-Edwards Customer Service at 1-888-DEPAINT or visit www.dunnedwards.com. **Do not mix with other products.**

CONFORMS TO:

- ARB 2007/2022 SCM & CALGreen 2022
- CA Section 01350
- LEED v4/4.1
- SCAQMD Rule 1113
- CA Extended Producer Responsibility
- MIR, HPD
- MPI Approved Product #169
- CRGI Green Wise Certified
- FDA Guidelines for Coatings

SAFETY DATA SHEET: Available at www.dunnedwards.com

SURFACE PREPARATION: All surfaces must be cured, clean, dry, and free from dirt, dust, rust, stains, grease, oil, mildew, wax, efflorescence, bond-breakers, and other contaminants. Remove all loose, peeling, or chalky paint by sanding, scraping, or other appropriate methods. Repair all cracks, holes, and other surface imperfections with a suitable patching material. Repaired surfaces should then be sanded smooth and dusted clean. Glossy surfaces should be dulled to provide a roughened surface for good adhesion.

SPECIAL INSTRUCTIONS

- **CAUTION!** Scraping or sanding surfaces of older buildings (especially pre-1978) may release dust containing lead or asbestos. **EXPOSURE TO LEAD OR ASBESTOS CAN BE VERY HAZARDOUS TO YOUR HEALTH.** Wear a NIOSH-approved N100 particulate filter mask to avoid breathing dust. Use a HEPA vacuum for cleanup, and finish by water-washing all surfaces. For more information, see Dunn-Edwards brochure on "Surface Preparation Safety" or call U.S. EPA's lead hotline at 1-800-424-LEAD, or visit www.epa.gov/lead or www.epa.gov/asbestos, or contact your state or local Health Agency.
- This product can neither cause nor prevent or cure the growth of mold, mildew, or other forms of fungus. Excessive moisture and inadequate ventilation are the main conditions that promote their growth. Correct any such conditions before painting.
- Do not apply when the air or surface temperature is below 50°F.
- While we recommend applying our exterior latex paints within industry standard temperature ranges, they can be applied at temperatures up to 120°F. Refer to www.dunnedwards.com/technical-bulletins/ for more information.



APPLY A HIGHER STANDARD™

ARISTOSHIELD®

Interior/Exterior Semi-Gloss Paint ASHL50



≤ 50 g/L VOC**

PRODUCT INFORMATION

PRIMERS

DRYWALL

Textured: } VINYLASTIC® Premium (VNPR00),
Untextured: } VINYLASTIC® Premium (VNPR00),
Skim-coated: } VINYLASTIC® Plus (VNPL00)

MASONRY

Plaster: } EFF-STOP® Premium (ESPR00),
Tilt-up concrete: } EFF-STOP® Select (ESSL00) or
Poured-in-place: } FLEX-PRIME® Select (FPSL00)
Brick:

Concrete block: } Smooth BLOCFIL™ Premium (SBPR00) or
Smooth BLOCFIL™ Select (SBSL00)

Smooth trowel: } SUPER-LOC® Premium (SLPR00)

WOOD

Doors, trim } DECOPRIME® (DCPR00),
ULTRA-GRIP® Premium (UGPR00),
BLOCK-IT® Premium (BIPR00) or
EZ-PRIME® Premium (EZPR00) – EXTERIOR ONLY

SYNTHETIC WOOD

Masonite: } DECOPRIME® (DCPR00),
Hardboard: } ULTRA-GRIP® Premium (UGPR00),
BLOCK-IT® Premium (BIPR00)

METAL¹

Ferrous: } BLOC-RUST® Premium (BRPR00) or
ENDURAPRIME® Metal Primer (ENPR00)

Non-ferrous: } ULTRASHIELD® Galvanized Metal Primer (ULGM00)
BLOC-RUST® Premium (BRPR00) or
SUPER-LOC® Premium (SLPR00)

Galvanized steel: } ULTRASHIELD® Galvanized Metal Primer (ULGM00) or
*ULTRA-GRIP® Premium (UGPR00)

**for incidental use on galvanized*

¹DTM (Direct to Metal): ARISTOSHIELD can be used as a direct to metal coating on properly prepared steel surfaces by applying two (2) coats of ARISTOSHIELD. Note: for best corrosion protection, one (1) coat of BLOC-RUST Premium primer and two (2) coats of ARISTOSHIELD topcoat are recommended. ARISTOSHIELD should not be applied directly to galvanized steel. For best results, apply one coat of ULTRASHIELD Galvanized Metal Primer (ULGM00).

***This product has been tested and certified by Coatings Research Group Inc., an international paint industry-organized ISO-accredited testing laboratory, to meet performance and environmental standards as shown on www.greenwisepaint.com. Dunn-Edwards is a member of CRGI.*

HEALTH & SAFETY CAUTIONS! INHALATION OF SPRAY MIST OR SANDING DUST MAY BE HARMFUL. Use only with adequate ventilation. Avoid breathing vapors, spray mist and sanding dust. Wear NIOSH-approved N100 particulate filter mask when spraying or sanding. Avoid contact with skin and eyes. Do not ingest. Close container after each use. **FIRST AID:** If swallowed, immediately give 1 or 2 glasses of water to drink – for emergency information, call 1-800-222-1222. If having difficulty breathing, move to fresh air. For eye contact, immediately flush with water for 15 minutes. For skin contact, wash thoroughly with soap and water.

• KEEP OUT OF REACH OF CHILDREN •

Ingredient (CAS #): Water (7732-18-5); Copolymer Resin (Proprietary); Titanium Dioxide (13463-67-7); Zinc Phosphate (7779-90-0); Triethylamine (121-44-8).

⚠ WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov



SPARTASHIELD®

Exterior Eggshell Paint

SSHL30



APPLY A HIGHER STANDARD™

≤ 50 g/L VOC**

SPARTASHIELD® Eggshell is a premium exterior, ultra-low VOC, 100% acrylic paint. It is ideal for use on residential and commercial projects, such as single family and multi-tenant housing, schools, hotels, or hospitals. **SPARTASHIELD Eggshell** provides very good color retention and grain-crack resistance, and is smooth flowing and easy to apply. **SPARTASHIELD Eggshell** can be used on properly prepared and primed masonry, stucco, concrete, wood, and metal. Can be used at surface and air temperatures down to 35°F.

PRODUCT INFORMATION

SOLVENT TYPE: Waterborne | **RESIN TYPE:** 100% acrylic

FINISH (ASTM D 523): Eggshell: 10–15% on a 60° meter; 15–30% on an 85° meter

COLORS: Stock colors: Swiss Coffee. Other colors can be special ordered or store mixed.

TINT BASES: L Tintable White, M Medium, U Ultra Deep

VISCOSITY@77°F/25°C (ASTM D 562): 100–105 KU

MAXIMUM VOC CONTENT 45 g/L (as supplied)	MAXIMUM RAVOC (Reactivity-Adjusted VOC) 25 g/L
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SOLIDS BY VOLUME (ASTM D 2697)
38.0% ± 2%

SOLIDS BY WEIGHT
49.0% ± 2%

WEIGHT PER GALLON (ASTM D 1475): 10.40 lbs.

COMPOSITION BY WEIGHT

Pigment—27.7%	Vehicle—72.3%
*Prime pigments 17.9	Resin solids 19.3
Reinforcing pigments 9.8	Water & additives 53.0

*Prime pigments include titanium dioxide (TiO₂), plus all other pigments directly adding to the hiding power of this paint.

RECOMMENDED FILM THICKNESS PER COAT

Wet: 3.8 mils | Dry: 1.5 mils

PERFORMANCE SPECIFICATION

Accelerated Weathering Results: Pass | **ASTM D4587-23; 500 hrs**

Accelerated Efflorescence Results: None visible - Pass |

ASTM D7072-04; 48 Hours exposure

Biological Growth Results: Pass | **ASTM D3273; 4 weeks**

Surfactant Leaching Results: None visible - Pass | **ASTM D7190**

PRACTICAL COVERAGE PER COAT AT RECOMMENDED DRY FILM THICKNESS

Approximately 350–425 sq. ft. per gallon, depending on surface conditions and application techniques.

THINNING RECOMMENDATION: This coating is intended to be applied without thinning or diluting under normal environmental and application conditions. If necessary to maintain good workability, add up to 1/4 pint (4 fl. oz.) of clean water per gallon of coating.

AVERAGE DRY TIME@77°F/25°C

To touch: 1–2 hours | Recoat: 4–6 hours

Dry times and recoat times are temperature, humidity and film thickness dependent.

APPLICATION EQUIPMENT: Brush, roller, airless spray

AIRLESS SPRAY	BRUSH	ROLLER
PRESSURE: 1800-2500 psi	Nylon/Polyester	Semi-Smooth Surfaces: 3/8" - 1/2" nap
TIP: .015"-.017"		Rough Surfaces: 3/4" - 1 1/2" nap

PACKAGING: One-gallon, five-gallon containers

STORAGE: Store in a dry area. Protect from freezing. Protect from temperatures above 110°F for extended periods of time. Extreme temperatures may cause paint to become unusable. See *Paint Storage Best Practices* Technical Bulletin at dunnedwards.com for more information.

CLEANUP: Warm, soapy water

DISPOSAL: For information on local options to dispose of unwanted leftover paint, call Dunn-Edwards Customer Service at 1-888-DEPAINT or visit www.dunnedwards.com. **Do not mix with other products.**

CONFORMS TO:

- | | |
|---|--|
| <ul style="list-style-type: none"> • ARB 2007/2022 SCM & CALGreen 2022 • LEED v4/4.1 • SCAQMD Rule 1113 • CA Extended Producer Responsibility | <ul style="list-style-type: none"> • MIR, HPD • MPI Approved Product #151, #161 • CRGI Green Wise Certified |
|---|--|

SAFETY DATA SHEET: Available at www.dunnedwards.com

SURFACE PREPARATION: All surfaces must be cured, clean, dry, and free from dirt, dust, rust, stains, grease, oil, mildew, wax, efflorescence, bond-breakers, and other contaminants. Remove all loose, peeling, or chalky paint by sanding, scraping, or other appropriate methods. Repair all cracks, holes, and other surface imperfections with a suitable patching material. Repaired surfaces should then be sanded smooth and dusted clean. Glossy surfaces should be dulled to provide a roughened surface for good adhesion.

SPECIAL INSTRUCTIONS

- **CAUTION!** Scraping or sanding surfaces of older buildings (especially pre-1978) may release dust containing lead or asbestos. **EXPOSURE TO LEAD OR ASBESTOS CAN BE VERY HAZARDOUS TO YOUR HEALTH.** Wear a NIOSH-approved N100 particulate filter mask to avoid breathing dust. Use a HEPA vacuum for cleanup, and finish by water-washing all surfaces. For more information, see Dunn-Edwards brochure on "Surface Preparation Safety" or call U.S. EPA's lead hotline at 1-800-424-LEAD, or visit www.epa.gov/lead or /asbestos, or contact your state or local Health Agency.
- This product can neither cause nor prevent or cure the growth of mold, mildew, or other forms of fungus. Excessive moisture and inadequate ventilation are the main conditions that promote their growth. Correct any such conditions before painting.
- When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours, as in colder temperatures, it may require longer time before the paint film cures enough not to be affected by rain or snow. Do not apply at air or surface temperatures below 35°F or when air or surface temperatures may drop below 35°F within 48 hours.
- Standard latex primers cannot be used below 50°F. See the specific primer product information sheet for that product's application conditions.
- **SPARTASHIELD Eggshell Paint (SSHL30)** can be used on properly prepared and primed interior surfaces.
- While we recommend applying our exterior latex paints within industry standard temperature ranges, they can be applied at temperatures up to 120°F. Refer to www.dunnedwards.com/technical-bulletins/ for more information.



APPLY A HIGHER STANDARD™

SPARTASHIELD®

Exterior Eggshell Paint SSSL30



≤ 50 g/L VOC**

PRODUCT INFORMATION

PRIMERS

DRYWALL

Textured: } VINYLASTIC® Premium (VNPR00),
Untextured: } VINYLASTIC® Premium (VNPR00),
Skim-coated: } VINYLASTIC® Plus (VNPL00)

MASONRY

Stucco: }
Plaster: } EFF-STOP® Premium (ESPR00),
Tilt-up concrete: } EFF-STOP® Select (ESSL00) or
Poured-in-place: } FLEX-PRIME® Select (FPSL00)
Brick: }

Concrete block: } Smooth BLOCFIL™ Premium (SBPR00),
Smooth BLOCFIL™ Select (SBSL00) or
FLEX-PRIME® Select (FPSL00)

Smooth trowel: } SUPER-LOC® Premium (SLPR00)

WOOD

Trim, sash, fascia: }
Rough-sawn: } EZ-PRIME® Premium (EZPR00),
T1-11 siding: } EZ-PRIME® Select (EZPR00)

SYNTHETIC WOOD

Masonite: }
Hardboard: } ULTRA-GRIP® Premium (UGPR00) or
MDO siding: } ULTRA-GRIP® Premium (UGPR00)

METAL

Ferrous: } BLOC-RUST® Premium (BRPR00) or
ENDURAPRIME® Metal Primer (ENPR00)

Non-ferrous: } ULTRASHIELD® Galvanized Metal Primer (ULGM00),
BLOC-RUST® Premium (BRPR00) or
SUPER-LOC® Premium (SLPR00)

Galvanized steel: } ULTRASHIELD® Galvanized Metal Primer (ULGM00) or
*ULTRA-GRIP® Premium (UGPR00)

*for incidental use on galvanized

**This product has been tested and certified by Coatings Research Group Inc., an international paint industry-organized ISO-accredited testing laboratory, to meet performance and environmental standards as shown on www.greenwisepaint.com. Dunn-Edwards is a member of CRGI.

HEALTH & SAFETY CAUTIONS! INHALATION OF SPRAY MIST OR SANDING DUST MAY BE HARMFUL. Use only with adequate ventilation. Avoid breathing vapors, spray mist and sanding dust. Wear NIOSH-approved N100 particulate filter mask when spraying or sanding. Avoid contact with skin and eyes. Do not ingest. Close container after each use. **FIRST AID:** If swallowed, immediately give 1 or 2 glasses of water to drink – for emergency information, call 1-800-222-1222. If having difficulty breathing, move to fresh air. For eye contact, immediately flush with water for 15 minutes. For skin contact, wash thoroughly with soap and water.

• KEEP OUT OF REACH OF CHILDREN •

Ingredient (CAS #): Water (7732-18-5); Copolymer Resin (Proprietary); Titanium Dioxide (13463-67-7); Aluminosilicates (68476-25-5/37244-96-5); Propylene Glycol (57-55-6); Quartz (14808-60-7).

⚠ **WARNING:** Cancer and Reproductive Harm – www.P65Warnings.ca.gov



SPARTASHIELD®

Exterior Semi-Gloss Paint

SSHL50



≤ 50 g/L VOC**

APPLY A HIGHER STANDARD™

SPARTASHIELD® Semi-Gloss is a premium exterior, ultra-low VOC, 100% acrylic paint. It is ideal for use on residential and commercial projects, such as single family and multi-tenant housing, schools, hotels, or hospitals. **SPARTASHIELD Semi-Gloss** provides very good color retention, grain-crack resistance, and block resistance and is smooth flowing and easy to use. **SPARTASHIELD Semi-Gloss** can be used on properly prepared and primed masonry, stucco, concrete, wood, and metal. Can be used at surface and air temperatures down to 35°F.

PRODUCT INFORMATION

SOLVENT TYPE: Waterborne | **RESIN TYPE:** 100% acrylic

FINISH (ASTM D 523): Semi-Gloss: 40–50% on a 60° meter

COLORS: Stock colors: Swiss Coffee. Other colors can be special ordered or store mixed.

TINT BASES: L Tintable White, M Medium, U Ultra Deep

VISCOSITY@77°F/25°C (ASTM D 562): 85–91 KU

MAXIMUM VOC CONTENT 50 g/L (as supplied) | **MAXIMUM RAVOC** (Reactivity-Adjusted VOC) 25 g/L

SOLIDS BY VOLUME (ASTM D 2697) 37.0% ± 2% | **SOLIDS BY WEIGHT** 46.5% ± 2%

WEIGHT PER GALLON (ASTM D 1475): 10.06 lbs.

COMPOSITION BY WEIGHT

Pigment—21.2%	Vehicle—78.8%
*Prime pigments 19.9	Resin solids 21.7
Reinforcing pigments 1.3	Water & additives 57.1

*Prime pigments include titanium dioxide (TiO₂), plus all other pigments directly adding to the hiding power of this paint.

RECOMMENDED FILM THICKNESS PER COAT

Wet: 3.9 mils | Dry: 1.5 mils

PERFORMANCE SPECIFICATION

Permeability: 9.42 | **ASTM D 1653-13 Method A**
 Accelerated Weathering Results: Pass | **ASTM D4587-23; 2016 hrs**
 Accelerated Efflorescence Results: None visible - Pass |
ASTM D7072-04; 48 Hours exposure
 Biological Growth Results: Pass | **ASTM D3273; 4 weeks**
 Surfactant Leaching Results: None visible - Pass | **ASTM D7190**

PRACTICAL COVERAGE PER COAT AT RECOMMENDED DRY FILM THICKNESS

Approximately 350–425 sq. ft. per gallon, depending on surface conditions and application techniques.

THINNING RECOMMENDATION: This coating is intended to be applied without thinning or diluting under normal environmental and application conditions. If necessary to maintain good workability, add up to 1/4 pint (4 fl. oz.) of clean water per gallon of coating.

AVERAGE DRY TIME@77°F/25°C

(ASTM D 1640)
 To touch: 1–2 hours | Recoat: 4–6 hours
 Dry times and recoat times are temperature, humidity and film thickness dependent.

APPLICATION EQUIPMENT:

AIRLESS SPRAY	BRUSH	ROLLER
PRESSURE: 1800-2500 psi	Nylon/Polyester	Semi-Smooth Surfaces: ¾" - ½" nap
TIP: .013"-.015"		Rough Surfaces: ¾" - 1½" nap

PACKAGING: One-gallon, five-gallon containers

STORAGE: Store in a dry area. Protect from freezing. Protect from temperatures above 110°F for extended periods of time. Extreme temperatures may cause paint to become unusable. See *Paint Storage Best Practices* Technical Bulletin at dunnedwards.com for more information.

CLEANUP: Warm, soapy water

DISPOSAL: For information on local options to dispose of unwanted leftover paint, call Dunn-Edwards Customer Service at 1-888-DEPAINT or visit www.dunnedwards.com. **Do not mix with other products.**

CONFORMS TO:

- | | |
|---|--|
| <ul style="list-style-type: none"> • ARB 2007/2022 SCM & CALGreen 2022 • LEED v4/4.1 • SCAQMD Rule 1113 • CA Extended Producer Responsibility | <ul style="list-style-type: none"> • MIR, HPD • MPI Approved Product #11, #311 • CRGI Green Wise Certified • FDA Guidelines for Coatings |
|---|--|

SAFETY DATA SHEET: Available at www.dunnedwards.com

SURFACE PREPARATION: All surfaces must be cured, clean, dry, and free from dirt, dust, rust, stains, grease, oil, mildew, wax, efflorescence, bond-breakers, and other contaminants. Remove all loose, peeling, or chalky paint by sanding, scraping, or other appropriate methods. Repair all cracks, holes, and other surface imperfections with a suitable patching material. Repaired surfaces should then be sanded smooth and dusted clean. Glossy surfaces should be dulled to provide a roughened surface for good adhesion.

SPECIAL INSTRUCTIONS

- **CAUTION!** Scraping or sanding surfaces of older buildings (especially pre-1978) may release dust containing lead or asbestos. EXPOSURE TO LEAD OR ASBESTOS CAN BE VERY HAZARDOUS TO YOUR HEALTH. Wear a NIOSH-approved N100 particulate filter mask to avoid breathing dust. Use a HEPA vacuum for cleanup, and finish by water-washing all surfaces. For more information, see Dunn-Edwards brochure on "Surface Preparation Safety" or call U.S. EPA's lead hotline at 1-800-424-LEAD, or visit www.epa.gov/lead or /asbestos, or contact your state or local Health Agency.
- This product can neither cause nor prevent or cure the growth of mold, mildew, or other forms of fungus. Excessive moisture and inadequate ventilation are the main conditions that promote their growth. Correct any such conditions before painting.
- When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours, as in colder temperatures, it may require longer time before the paint film cures enough not to be affected by rain or snow. Do not apply at air or surface temperatures below 35°F or when air or surface temperatures may drop below 35°F within 48 hours.
- Standard latex primers cannot be used below 50°F. See the specific primer product information sheet for that product's application conditions.
- **SPARTASHIELD Semi-Gloss Paint (SSHL50)** can be used on properly prepared and primed interior surfaces.
- While we recommend applying our exterior latex paints within industry standard temperature ranges, they can be applied at temperatures up to 120°F. Refer to www.dunnedwards.com/technical-bulletins/ for more information.



APPLY A HIGHER STANDARD™

SPARTASHIELD®

Exterior Semi-Gloss Paint SSHL50



≤ 50 g/L VOC**

PRODUCT INFORMATION

PRIMERS

DRYWALL

Textured: } VINYLASTIC® Premium (VNPR00),
Untextured: } VINYLASTIC® Premium (VNPR00),
Skim-coated: } VINYLASTIC® Plus (VNPL00)

MASONRY

Stucco: }
Plaster: } EFF-STOP® Premium (ESPR00),
Tilt-up concrete: } EFF-STOP® Select (ESSL00) or
Poured-in-place: } FLEX-PRIME® Select (FPSL00)
Brick: }

Concrete block: } Smooth BLOCFIL™ Premium (SBPR00),
Smooth BLOCFIL™ Select (SBSL00) or
FLEX-PRIME® Select (FPSL00)
Smooth trowel: } SUPER-LOC® Premium (SLPR00)

WOOD/ SYNTHETIC WOOD-INTERIOR

Trim, doors: } DECOPRIME™ (DCPR00),
Masonite: } ULTRA-GRIP® Premium (UGPR00) or
Hardboard: } ULTRA-GRIP® Select (UGSL00)

WOOD-EXTERIOR

Trim, sash, fascia: } EZ-PRIME® Premium (EZPR00),
Rough-sawn: } EZ-PRIME® Select (EZPR00)
T1-11 siding: }

METAL

Ferrous: } BLOC-RUST® Premium (BRPR00) or
ENDURAPRIME® Metal Primer (ENPR00)

Non-ferrous: } ULTRASHIELD® Galvanized Metal Primer (ULGM00),
BLOC-RUST® Premium (BRPR00) or
SUPER-LOC® Premium (SLPR00)

Galvanized steel: } ULTRASHIELD® Galvanized Metal Primer (ULGM00) or
*ULTRA-GRIP® Premium (UGPR00)

**for incidental use on galvanized*

***This product has been tested and certified by Coatings Research Group Inc., an international paint industry-organized ISO-accredited testing laboratory, to meet performance and environmental standards as shown on www.greenwisepaint.com. Dunn-Edwards is a member of CRGI.*

HEALTH & SAFETY CAUTIONS! INHALATION OF SPRAY MIST OR SANDING DUST MAY BE HARMFUL. Use only with adequate ventilation. Avoid breathing vapors, spray mist and sanding dust. Wear NIOSH-approved N100 particulate filter mask when spraying or sanding. Avoid contact with skin and eyes. Do not ingest. Close container after each use. **FIRST AID:** If swallowed, immediately give 1 or 2 glasses of water to drink – for emergency information, call 1-800-222-1222. If having difficulty breathing, move to fresh air. For eye contact, immediately flush with water for 15 minutes. For skin contact, wash thoroughly with soap and water.

• KEEP OUT OF REACH OF CHILDREN •

Ingredient (CAS #): Water (7732-18-5); Copolymer Resin (Proprietary); Titanium Dioxide (13463-67-7); Aluminosilicates (68476-25-5/37244-96-5); Propylene Glycol (57-55-6); Quartz (14808-60-7).

⚠ **WARNING:** Cancer and Reproductive Harm – www.P65Warnings.ca.gov



EVERSHIELD®

Exterior Semi-Gloss Paint

EVSH50



≤ 50 g/L VOC**

APPLY A HIGHER STANDARD™

EVERSHIELD® Semi-Gloss is an ultra-premium exterior, ultra-low VOC, 100% acrylic paint that provides superior non-blocking properties, maximum protection against UV color fade, dirt pick-up, mildew, efflorescence, water intrusion, and film failure (grain-cracking, peeling, blistering). **EVERSHIELD Semi-Gloss** can be used on properly prepared and primed masonry, concrete, tilt-up, block, stucco, plaster, wood, and metal. Advanced technology and premium ingredients provide unparalleled performance, durability, coverage, and adhesion. Can be used down to surface and air temperature of 35°F.

PRODUCT INFORMATION

SOLVENT TYPE: Waterborne		RESIN TYPE: 100% acrylic	
FINISH (ASTM D 523): Semi-Gloss: 40–50% on a 60° meter			
COLORS: Stock colors: Swiss Coffee and Whisper. Other colors can be special ordered or store mixed.			
TINT BASES: L Tintable White, M Medium, U Ultra Deep			
VISCOSITY@77°F/25°C (ASTM D 562): 93–98 KU			
MAXIMUM VOC CONTENT 50 g/L (as supplied)		MAXIMUM RAVOC (Reactivity-Adjusted VOC) 30 g/L	
SOLIDS BY VOLUME (ASTM D 2697) 37.9% ± 2%		SOLIDS BY WEIGHT 48.9% ± 2%	
WEIGHT PER GALLON (ASTM D 1475): 10.37 lbs.			

COMPOSITION BY WEIGHT	
Pigment–24.2%	Vehicle–75.8%
*Prime pigments22.9	Resin solids 21.1
Reinforcing pigments..... 1.3	Water & additives 54.7
<i>*Prime pigments include titanium dioxide (TiO₂), plus all other pigments directly adding to the hiding power of this paint.</i>	

RECOMMENDED FILM THICKNESS PER COAT	
Wet: 4.0 mils	Dry: 1.5 mils

PERFORMANCE SPECIFICATION	
Permeability: 12.88 ASTM D 1653-13 Method A	
Accelerated Weathering Results: Pass ASTM D4587-23; 2016 hrs	
Accelerated Efflorescence Results: None visible - Pass	
ASTM D7072-04; 48 Hours exposure	
Biological Growth Results: Pass ASTM D3273; 4 weeks	
Surfactant Leaching Results: None visible - Pass ASTM D7190	

PRACTICAL COVERAGE PER COAT AT RECOMMENDED DRY FILM THICKNESS
Approximately 350–425 sq. ft. per gallon, depending on surface conditions and application techniques.

THINNING RECOMMENDATION: This coating is intended to be applied without thinning or diluting under normal environmental and application conditions. If necessary to maintain good workability, add up to 1/4 pint (4 fl. oz.) of clean water per gallon of coating.

AVERAGE DRY TIME@77°F/25°C (ASTM D 1640)	
To touch: 1–2 hours	Recoat: 4–6 hours
Dry times and recoat times are temperature, humidity and film thickness dependent.	

APPLICATION EQUIPMENT: Brush, roller, airless spray		
AIRLESS SPRAY	BRUSH	ROLLER
PRESSURE: 1800-2500 psi	Nylon/Polyester	Semi-Smooth Surfaces: 3/8"-1/2" nap
TIP: .013"-.015"		Rough Surfaces: 3/4" - 1 1/2" nap

PACKAGING: Quart, one-gallon, five-gallon containers

STORAGE: Store in a dry area. Protect from freezing. Protect from temperatures above 110°F for extended periods of time. Extreme temperatures may cause paint to become unusable. See *Paint Storage Best Practices* Technical Bulletin at dunnedwards.com for more information.

CLEANUP: Warm, soapy water

DISPOSAL: For information on local options to dispose of unwanted leftover paint, call Dunn-Edwards Customer Service at 1-888-DEPAINT or visit www.dunnedwards.com. **Do not mix with other products.**

CONFORMS TO:	
<ul style="list-style-type: none"> • ARB 2007/2022 SCM & CALGreen 2022 • LEED v4/4.1 • SCAQMD Rule 1113 • CA Extended Producer Responsibility 	<ul style="list-style-type: none"> • MIR, HPD • MPI Approved Product #11, #54, #141, #311 • CRGI Green Wise Certified • FDA Guidelines for Coatings

SAFETY DATA SHEET: Available at www.dunnedwards.com

SURFACE PREPARATION: All surfaces must be cured, clean, dry, and free from dirt, dust, rust, stains, grease, oil, mildew, wax, efflorescence, bond-breakers, and other contaminants. Remove all loose, peeling, or chalky paint by sanding, scraping, or other appropriate methods. Repair all cracks, holes, and other surface imperfections with a suitable patching material. Repaired surfaces should then be sanded smooth and dusted clean. Glossy surfaces should be dulled to provide a roughened surface for good adhesion.

SPECIAL INSTRUCTIONS

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- Standard latex primers cannot be used below 50°F. See the specific primer product information sheet for that product's application conditions.
- **EVERSHIELD® Semi-Gloss (EVSH50)** can be used on properly prepared and primed interior surfaces.
- While we recommend applying our exterior latex paints within industry standard temperature ranges, they can be applied at temperatures up to 120°F. Refer to www.dunnedwards.com/technical-bulletins/ for more information.



APPLY A HIGHER STANDARD™

EVERSHIELD®

Exterior Semi-Gloss Paint EVSH50



≤ 50 g/L VOC**

PRODUCT INFORMATION

PRIMERS

DRYWALL

Textured: } VINYLASTIC® Premium (VNPR00),
Untextured: } VINYLASTIC® Premium (VNPR00),
Skim-coated: } VINYLASTIC® Plus (VNPL00)

MASONRY

Stucco: }
Tilt-up concrete: } EFF-STOP® Premium (ESPR00)
Poured-in-place: } EFF-STOP® Select (ESSL00) or
Plaster: } FLEX-PRIME® Select (FPSL00)
Brick: }
Concrete block: } Smooth BLOCFIL™ Premium (SBPR00)
Smooth trowel: } Smooth BLOCFIL™ Select (SBSL00) or
FLEX-PRIME® Select (FPSL00)
SUPER-LOC® Premium (SLPR00)

WOOD/SYNTHETIC WOOD-INTERIOR

Trims, doors: } DECOPRIME® (DCPR00) or
Masonite: } ULTRA-GRIP® Premium (UGPR00)
Hardboard: }

WOOD-EXTERIOR

Trim, sash, fascia: } EZ-PRIME® Premium (EZPR00) or
Rough-sawn: } EZ-PRIME® Select (EZPR00)
T1-11 siding: }

SYNTHETIC WOOD-EXTERIOR

Masonite: }
Hardboard: } ULTRA-GRIP® Premium (UGPR00)
MDO siding: }

METAL

Ferrous: } BLOC-RUST® Premium (BRPR00) or
ENDURAPRIME® Metal Primer (ENPR00)
Non-ferrous: } ULTRASHIELD® Galvanized Metal Primer (ULGM00),
BLOC-RUST® Premium (BRPR00) or
SUPER-LOC® Premium (SLPR00)
Galvanized steel: } ULTRASHIELD® Galvanized Metal Primer (ULGM00) or
*ULTRA-GRIP® Premium (UGPR00)

*for incidental use on galvanized

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• KEEP OUT OF REACH OF CHILDREN •

Ingredient (CAS #): Water (7732-18-5); Copolymer Resin (Proprietary); Titanium Dioxide (13463-67-7); Aluminosilicates (68476-25-5/37244-96-5); Propylene Glycol (57-55-6); Quartz (14808-60-7).

⚠ WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov



SAFETY DATA SHEET

SDS FORM A: COATINGS WITH NO REPORTABLE HAZARDOUS INGREDIENTS

The following Safety Data Sheet (SDS) is being provided pursuant to requirements of the Fed/OSHA (29 CFR 1910.1200) and Cal/OSHA (8 CCR 5194) Hazard Communication Standards. The health and hazards information given here is based on data believed to be accurate by Dunn-Edwards Corporation; we do not, however, assume any liability for the accuracy or completeness of this information. We neither suggest nor guarantee that any hazards mentioned are the only ones that may exist. All persons intending to rely on any recommendation, or to use any technique, equipment, or material mentioned should first satisfy themselves that they can meet all applicable safety and health standards.

The following SDS supersedes any previously issued SDS for each product covered. The reader is advised to destroy any obsolete SDS and refer only to this SDS. As permitted by OSHA, each SDS may apply to a class of products which have similar hazards and contents.

Products covered by this SDS are listed below:

ACBL10-1: ACRI-BUILD Flat	EVER50-0: EVEREST Semi-Gloss
ACHS10-0, -1: ACRI-HUES Flat	EVSH10-3: EVERSIELD Flat
ACHS30-0, -1: ACRI-HUES Eggshell	EVSH20-3: EVERSIELD Velvet
ACHS50-0, -1: ACRI-HUES Semi-Gloss	EVSH30-3: EVERSIELD Eggshell
ACWL10-1, -2: ACRI-WALL Flat Ready-To-Use	EVSH40-3: EVERSIELD Low-Sheen
ACWL30-1, -2: ACRI-WALL Eggshell	EVSH50-3: EVERSIELD Semi-Gloss
ACWL50-1, -2: ACRI-WALL Semi-Gloss	EVSH60-3: EVERSIELD Gloss
AQUA10-1: AQUAFALL Flat	EXQT10-0: EXQUISITE Matte
AQUA30-1: AQUAFALL Eggshell	EXQT30-0: EXQUISITE Eggshell
AQUA50-1: AQUAFALL Semi-Gloss	EXQT50-0: EXQUISITE Semi-Gloss
ASHL30-0: ARISTOSHIELD Eggshell	EZPR00-1: EZ-PRIME Premium
ASHL40-0: ARISTOSHIELD Satin/Low Sheen	EZSL00-0: EZ-PRIME Select
ASHL50-0: ARISTOSHIELD Semi-Gloss	FPSL00-1: FLEX-PRIME Select
ASHL70-0: ARISTOSHIELD High Gloss	PC3510-0: PRO-COM 3500 Flat
BIPR00-1: BLOCK-IT Premium	PC3530-0: PRO-COM 3500 Eggshell
BRPR00-2-RO: BLOC-RUST Premium, Red Oxide	PC3550-0: PRO-COM 3500 Semi-Gloss
BRPR00-2-WH: BLOC-RUST Premium, White	PC6510-0: PRO-COM 6500 Flat
CEIL10-0-LW8: CEILING PAINT Dead Flat	PC6540-0: PRO-COM 6500 Satin/Low Sheen
DCPR00-0: DECOPRIME Primer	PCFL30-0: PORCH & FLOOR Eggshell
DGLO30-0: DECOGLO Eggshell	PCHB00-0: PRO-COM High Build Primer-Surfacer
DGLO50-0: DECOGLO Semi-Gloss	PCMA00-0, -1: PRO-COM 6500 Primer
ENCT30-0: ENDURA-COAT Eggshell	PCMP00-0, -1: PRO-COM Multi-Purpose Primer
ENCT50-0: ENDURA-COAT Semi-Gloss	PMCE10-0: CONTRACTOR'S EDGE Flat
ENCT60-0: ENDURA-COAT Gloss	PMCE30-0: CONTRACTOR'S EDGE Eggshell
ENPR00-0: ENDURAPRIME Primer	PMCE50-0: CONTRACTOR'S EDGE Semi-Gloss
ENPX50-0: ENDURACAT Semi-Gloss	PRWL00-0: PREP-WALL Drywall Surface Conditioner
ESPR00-1: EFF-STOP Premium	SBPR00-0: Smooth BLOCFIL Premium
ESSL00-0: EFF-STOP Select	SBSL00-1: Smooth BLOCFIL Select
EVER10-0, -1: EVEREST Flat	SFSL00-1: SURFACO Select
EVER20-0, -1: EVEREST Velvet	SLPR00-2: SUPER-LOC Premium
EVER30-0, -1: EVEREST Eggshell	Continued...

SDS FORM A: COATINGS WITH NO REPORTABLE HAZARDOUS INGREDIENTS continued...

SPMA10-1: SUPREMA Flat
SPMA20-1: SUPREMA Velvet
SPMA30-0: SUPREMA Eggshell
SPMA40-1: SUPREMA Satin/Low Sheen
SPMA50-0, -1: SUPREMA Semi-Gloss
SSHL10-0: SPARTASHIELD Flat
SSHL20-0: SPARTASHIELD Velvet
SSHL30-0: SPARTASHIELD Eggshell
SSHL40-0: SPARTASHIELD Satin/Low Sheen
SSHL50-1: SPARTASHIELD Semi-Gloss
SSHL60-1: SPARTASHIELD Gloss
SSHV10-0: SPARTASHIELD VA Flat
SWLL10-0: SPARTAWALL Flat
SWLL20-1: SPARTAWALL Velvet
SWLL30-1: SPARTAWALL Eggshell
SWLL40-1: SPARTAWALL Satin/Low Sheen
SWLL50-1: SPARTAWALL Semi-Gloss
SWLR10-0: SUPER-WALL Flat Ready-To-Use
SZRO10-0: SPARTAZERO Flat
UGPR00-1: ULTRA-GRIP Premium
UGSL00-1: ULTRA-GRIP Select Zero VOC
ULGM00-0: ULTRASHIELD Galvanized Metal Primer
ULSB10-0: ULTRA-SCRUB Flat
VNPL00-0: VINYLASTIC Plus
VNPR00-1: VINYLASTIC Premium Ultra-Low VOC
VNSL00-1: VINYLASTIC Select Zero VOC
W 360V: ENDURASEAL Primer
W 5361: Athletic Field Striping Paint
W 6139: Acrylic Elastomeric Coating AZ
W 6160E: VERSAGLO
W 6220E: VERSAGLOSS
W 6230E: VERSAWALL
W 6240: VERSAFLAT
W 6250E: VERSASATIN

SAFETY DATA SHEET

FORM A: COATINGS WITH NO REPORTABLE HAZARDOUS INGREDIENTS

SDS DATE: 01/25/2025

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFICATION:
SEE COVER PAGE FOR LIST OF PRODUCTS COVERED

MANUFACTURER: DUNN-EDWARDS CORPORATION
6119 E. WASHINGTON BLVD
COMMERCE, CA 90040

PRODUCT TYPE: WATERBORNE PAINT
RECOMMENDED USE: ARCHITECTURAL COATING

EMERGENCY PHONE: 1-800-222-1222
OTHER CALLS: (213) 431-4925

HMIS CODES:

H	F	R	PP
0	0	0	E



SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION: NOT A HAZARDOUS SUBSTANCE OR MIXTURE.

GHS LABEL ELEMENTS: [NOTE: THIS CONSUMER PRODUCT IS EXEMPT FROM OSHA GHS-HCS LABELING REQUIREMENTS.]

SIGNAL WORD: (NONE REQUIRED) **HAZARD STATEMENT:** (NONE REQUIRED)

PICTOGRAM: (NONE REQUIRED)

PRECAUTIONARY STATEMENTS:

PREVENTION: DO NOT INGEST. USE ONLY WITH ADEQUATE VENTILATION. AVOID BREATHING VAPORS, SPRAY MIST AND SANDING DUST. WEAR APPROPRIATE NIOSH-APPROVED RESPIRATORY PROTECTION WHEN SPRAYING OR SANDING. AVOID CONTACT WITH SKIN AND EYES. CLOSE CONTAINER AFTER EACH USE. KEEP OUT OF REACH OF CHILDREN.

RESPONSE: CLEAN UP SPILLS WITH INERT ABSORBENT MATERIAL, SUCH AS CLAY GRANULES, PAPER OR CLOTH WIPES. ALLOW TO DRY BEFORE DISPOSAL.

STORAGE & DISPOSAL: KEEP BETWEEN 40°F AND 110°F AT ALL TIMES. DISPOSE OF CONTAINER AND CONTENTS IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

HAZARDS NOT OTHERWISE CLASSIFIED: NONE.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE OR MIXTURE: MIXTURE

HAZARDOUS INGREDIENTS:

CHEMICAL NAME	COMMON NAME / SYNONYMS	CAS NUMBER	CONCENTRATION (%WT)
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NO REPORTABLE HAZARDOUS INGREDIENTS.

NOTE: EXPOSURES TO POSSIBLE HAZARDOUS INGREDIENTS BELOW REPORTING THRESHOLDS CAN BE REDUCED OR AVOIDED BY FOLLOWING RECOMMENDED PROCEDURES FOR SAFE HANDLING, STORAGE, DISPOSAL, AND USE.

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SEE SECTION 11 (TOXICOLOGICAL INFORMATION) FOR POSSIBLE HAZARDOUS BY-PRODUCTS.

SECTION 4: FIRST-AID MEASURES

EYES: FLUSH EYES WITH FRESH WATER FOR AT LEAST 15 MINUTES.

SKIN: WASH THOROUGHLY WITH SOAP AND WATER.

INGESTION: HAVE VICTIM DRINK 1 OR 2 GLASSES OF WATER TO ENSURE DILUTION.

INHALATION: MOVE VICTIM TO FRESH AIR.

MOST IMPORTANT SYMPTOMS AND EFFECTS: MAY CAUSE MILD IRRITATION TO SKIN AND EYES, GASTROINTESTINAL AND RESPIRATORY TRACTS. SLIGHT DIZZINESS, NAUSEA AND HEADACHE POSSIBLE.

NOTES TO FIRST AID PROVIDERS: CALL FOR MEDICAL ASSISTANCE IF SYMPTOMS PERSIST.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG.

UNUSUAL FIRE AND EXPLOSION HAZARDS: LIQUID MATERIAL IS NON-COMBUSTIBLE, BUT DRIED FILMS ARE CAPABLE OF SUPPORTING COMBUSTION WHEN IN CONTACT WITH OPEN FLAMES. CLOSED CONTAINERS CAN DEVELOP INTERNAL PRESSURE AND MAY RUPTURE WHEN SUBJECTED TO EXTREME HEAT.

HAZARDOUS COMBUSTION PRODUCTS: COMBUSTION CAN PRODUCE CARBON MONOXIDE AND/OR CARBON DIOXIDE.

SPECIAL EQUIPMENT & PRECAUTIONS: USE SELF-CONTAINED BREATHING APPARATUS IN CONFINED SPACES. OBSERVE RECOMMENDED PROCEDURES FOR HANDLING ORDINARY COMBUSTIBLE MATERIALS.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, EMERGENCY PROCEDURES: WEAR WATERPROOF GLOVES TO AVOID SKIN CONTACT. KEEP CHILDREN AND PETS AWAY FROM SPILLED LIQUID. PREVENT LIQUID FROM ENTERING DRAINS, WATERWAYS, AND SOIL. AVOID EATING OR DRINKING WHEN HANDLING AND WASH HANDS AFTER USE BEFORE DOING SO.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP: DIKE SPILLED LIQUID WITH INERT MATERIAL, SUCH AS CLAY GRANULES. SCOOP UP EXCESS LIQUID AND POUR INTO CONTAINER. USE PAPER OR CLOTH WIPES TO CLEAN UP SMALL SPILLS. ALLOW TO DRY BEFORE DISPOSAL.

SECTION 7: HANDLING AND STORAGE

SAFE HANDLING PRECAUTIONS: KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT STACK CONTAINERS MORE THAN THREE HIGH. SECURE LOADS AGAINST SHIFTING DURING TRANSPORTATION. USE ONLY AN APPROPRIATE TOOL TO OPEN CONTAINERS.

SAFE STORAGE CONDITIONS: STORE IN COOL, WELL-VENTILATED AREA. MAINTAIN TEMPERATURE BETWEEN 40°F AND 110°F. AVOID EXPOSURE TO DIRECT SUNLIGHT, HEAT OR FLAME. INSPECT CONTAINERS FOR LEAKS PERIODICALLY. ROTATE STOCK, USE OLDER MATERIAL FIRST.

INCOMPATIBILITIES: DO NOT HANDLE OR STORE NEAR WATER-REACTIVE MATERIALS, STRONG OXIDIZERS, ACIDS OR ALKALIS.

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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS INGREDIENTS	CAS NUMBER	%WT	ACGIH	OSHA EXPOSURE LIMITS			VAPOR PRESS mmHg @ TEMP
			TLV/TWA PPM	TWA PPM	STEL MG/M ³	MG/M ³	

NO REPORTABLE HAZARDOUS INGREDIENTS.

ENGINEERING CONTROLS: USE SIGNS OR BARRIERS TO RESTRICT ACCESS TO PAINTING WORK AREA.

VENTILATION : NORMAL AIR CIRCULATION SHOULD BE SUFFICIENT; OTHERWISE, USE PORTABLE FANS. ENSURE ADEQUATE VENTILATION DURING APPLICATION, DRYING AND CURING OF PAINT.

RESPIRATORY PROTECTION: FOR SPRAY APPLICATION, USE A NIOSH-APPROVED PARTICULATE FILTER MASK (RATED N100 OR HIGHER) TO AVOID BREATHING SPRAY MIST. EXPOSED PERSONS WITH ALLERGIES OR ASTHMA MAY NEED AN ORGANIC VAPOR/PARTICULATE RESPIRATOR (NIOSH/MSHA TC 23C OR EQUIVALENT).

WHEN SANDING, SCRAPING, OR ENGAGING IN ANY ACTIVITY THAT GENERATES AIRBORNE NUISANCE DUST, WEAR A NIOSH-APPROVED PARTICULATE FILTER MASK (RATED N100 OR HIGHER) TO AVOID BREATHING DUST. FINISH CLEANUP BY WATER-WASHING ALL SURFACES TO REMOVE DUST RESIDUE.

EYE PROTECTION: USE SAFETY GLASSES, GOGGLES, OR FACE SHIELD TO PROTECT EYES.

SKIN PROTECTION: USE WATERPROOF GLOVES (LATEX, VINYL, RUBBER, OR NEOPRENE) TO AVOID SKIN CONTACT. WASH OFF ANY PAINT FROM SKIN WITH SOAP AND WATER.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: WATERPROOF HEADCOVERING AND GENERAL PROTECTIVE CLOTHING ARE RECOMMENDED FOR PROTECTION AS NECESSARY.

WORK HYGIENIC PRACTICES: WASH HANDS AND FACE WITH SOAP AND WATER BEFORE EATING OR DRINKING.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	OPAQUE LIQUID DISPERSION	VAPOR PRESSURE:	SAME AS WATER VAPOR	
ODOR:	VERY MILD ODOR	VAPOR DENSITY:	SAME AS WATER VAPOR	
ODOR THRESHOLD:	(NO INFORMATION AVAILABLE)	SPECIFIC GRAVITY:	~1.4 (H ₂ O = 1)	
pH AS SUPPLIED:	~8.5	SOLUBILITY IN WATER:	PARTLY SOLUBLE	
FREEZING POINT:	0° C / 32° F	PARTITION COEFFICIENT:	(NO INFORMATION AVAILABLE)	
BOILING POINT:	100° C / 212° F	AUTO-IGNITION TEMP:	(NOT APPLICABLE)	
FLASH POINT:	(NOT APPLICABLE)	DECOMPOSITION TEMP:	(NO INFORMATION AVAILABLE)	
EVAPORATION RATE:	SAME AS WATER	VISCOSITY:	85 – 115 KU	
FLAMMABILITY:	(NOT APPLICABLE)	PERCENT SOLIDS:	BY VOL: ~35%	BY WT: ~50%
UPPER EXPLOSIVE LIMIT:	(NOT APPLICABLE)	PERCENT VOLATILE:	BY VOL: ~65%	BY WT: ~50%
LOWER EXPLOSIVE LIMIT:	(NOT APPLICABLE)			

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SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: REACTIVITY NOT KNOWN TO OCCUR UNDER NORMAL CONDITIONS.

CHEMICAL STABILITY: STABLE UNDER NORMAL CONDITIONS.

POSSIBILITY OF HAZARDOUS REACTIONS: POLYMERIZATION WILL NOT OCCUR.

CONDITIONS TO AVOID: AVOID STORAGE AT TEMPERATURES ABOVE 110° F. SEE PRODUCT PDS FOR LOW TEMPERATURE STORAGE CONDITIONS.

INCOMPATIBLE MATERIALS: AVOID WATER-REACTIVE MATERIALS, STRONG OXIDIZERS, ACIDS AND ALKALIS.

HAZARDOUS DECOMPOSITION PRODUCTS: COMBUSTION CAN PRODUCE CARBON MONOXIDE AND/OR CARBON DIOXIDE.

SECTION 11: TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF EXPOSURE: INHALATION, INGESTION, EYE AND SKIN CONTACT

SYMPTOMS OF OVEREXPOSURE: MAY CAUSE MILD IRRITATION TO SKIN AND EYES, GASTROINTESTINAL AND RESPIRATORY TRACTS. SLIGHT DIZZINESS, NAUSEA AND HEADACHE POSSIBLE.

DELAYED OR CHRONIC EFFECTS: AVAILABLE INFORMATION PROVIDES NO EVIDENCE OF DELAYED OR CHRONIC HEALTH EFFECTS ASSOCIATED WITH EXPOSURE TO THIS PRODUCT DURING NORMAL USE WITH RECOMMENDED PERSONAL PROTECTION AS NEEDED.

NUMERICAL MEASURES OF TOXICITY: (NO INFORMATION AVAILABLE)

CARCINOGENICITY (WHOLE PRODUCT): ACGIH? NO. IARC? NO. NIOSH? NO. NTP? NO. OSHA? NO.

HAZARDOUS BY-PRODUCTS: SPRAY APPLICATION OF THIS PRODUCT CAN GENERATE SPRAY MIST, WHICH MAY BE HARMFUL IF INHALED. RESPIRATORY IRRITATION AND SHORTNESS OF BREATH POSSIBLE. RISK DEPENDS ON LEVEL AND DURATION OF EXPOSURE.

SANDING, SCRAPING, OR OTHERWISE DISTURBING THE DRY FILM OF THIS PRODUCT CAN GENERATE AIRBORNE NUISANCE DUST, WHICH MAY BE HARMFUL IF INHALED. RESPIRATORY IRRITATION AND SHORTNESS OF BREATH POSSIBLE. RISK DEPENDS ON LEVEL AND DURATION OF EXPOSURE.

SEE SECTION 8 (EXPOSURE CONTROLS / PERSONAL PROTECTION) FOR INFORMATION ON RESPIRATORY PROTECTION WHEN SPRAYING OR SANDING.

NOTE: SPRAY MIST OR SANDING DUST MAY CONTAIN TITANIUM DIOXIDE PIGMENT PARTICLES BOUND IN THE RESINOUS MATRIX OF (1) PAINT DROPLETS THAT MAKE UP SPRAY MIST OR (2) PAINT FRAGMENTS THAT MAKE UP SANDING DUST. TITANIUM DIOXIDE, IN THE FORM OF AIRBORNE, UNBOUND PARTICLES OF RESPIRABLE SIZE, HAS BEEN CLASSIFIED BY IARC AS GROUP 2B: POSSIBLY CARCINOGENIC TO HUMANS, BASED ON TWO LABORATORY WHITE RAT INHALATION EXPOSURE STUDIES, IN WHICH LUNG OVERLOAD CONDITIONS RESULTED IN TUMOR FORMATION. THE IARC MONOGRAPH ON TITANIUM DIOXIDE, HOWEVER, STATES AT THE CONCLUSION OF ITS SUMMARY CHAPTER: "NO SIGNIFICANT EXPOSURE TO PRIMARY PARTICLES OF TITANIUM DIOXIDE IS THOUGHT TO OCCUR DURING THE USE OF PRODUCTS IN WHICH TITANIUM DIOXIDE IS BOUND TO OTHER MATERIALS, SUCH AS IN PAINTS." ALSO, MULTIPLE EPIDEMIOLOGICAL STUDIES OF TITANIUM DIOXIDE PRODUCTION WORKERS WITH LONG-TERM OCCUPATIONAL EXPOSURE TO AIRBORNE TITANIUM DIOXIDE DUST FOUND NO RELIABLE CORRELATION BETWEEN EXPOSURE AND INCIDENCE OF LUNG CANCER OR OTHER CHRONIC LUNG DISEASES. SCIENTISTS AT MAJOR SUPPLIERS OF TITANIUM DIOXIDE PIGMENT TO DUNN-EDWARDS HAVE EACH PERFORMED AN INDEPENDENT GHS HAZARD CLASSIFICATION OF TITANIUM DIOXIDE PIGMENT AND EACH CONCLUDED THAT TITANIUM DIOXIDE PIGMENT IS "NOT A HAZARDOUS SUBSTANCE OR MIXTURE," BASED ON THE WEIGHT OF SCIENTIFIC EVIDENCE.

SPRAY MIST OR SANDING DUST MAY ALSO CONTAIN QUARTZ AND/OR CRISTOBALITE PARTICLES BOUND IN THE RESINOUS MATRIX OF (1) PAINT DROPLETS THAT MAKE UP SPRAY MIST OR (2) PAINT FRAGMENTS THAT MAKE UP SANDING DUST. QUARTZ AND CRISTOBALITE ARE TWO VARIETIES OF CRYSTALLINE SILICA, WHICH, IN THE FORM OF AIRBORNE, UNBOUND ("FREE") PARTICLES OF RESPIRABLE SIZE, HAS BEEN CLASSIFIED BY IARC AS GROUP 1: CARCINOGENIC TO HUMANS, BASED ON EVIDENCE THAT LONG-TERM OCCUPATIONAL EXPOSURE TO FREE CRYSTALLINE SILICA DUST CAN CAUSE SILICOSIS, A CHRONIC LUNG DISEASE THAT MAY PROGRESS TO LUNG CANCER. EXPOSURE TO FREE CRYSTALLINE SILICA DUST COMMONLY OCCURS IN WORK WITH ROCK, STONE, GRAVEL, SAND, SOIL, CONCRETE, AND MASONRY.

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SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: (NO INFORMATION AVAILABLE)

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: COLLECT SPILLED MATERIAL, USED ABSORBENT MATERIAL AND WIPES INTO A SUITABLE CONTAINER AND DISPOSE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS. DRY, EMPTY CONTAINERS MAY BE RECYCLED OR DISPOSED OF AS ORDINARY TRASH.

RCRA HAZARD CLASS: NON-HAZARDOUS

SECTION 14: TRANSPORT INFORMATION

THIS MATERIAL IS NOT SUBJECT TO DOT, IATA/ICAO, OR IMO/IMDG TRANSPORTATION REGULATIONS. ACCEPTABLE FOR AIR TRANSPORT AS NON-HAZARDOUS GOODS.

UN NUMBER: (NOT APPLICABLE) UN PROPER SHIPPING NAME: (NOT APPLICABLE)

TRANSPORT HAZARD CLASS: (NOT APPLICABLE) PACKING GROUP: (NOT APPLICABLE)

ENVIRONMENTAL HAZARDS: (NOT APPLICABLE) TRANSPORT IN BULK: (NOT APPLICABLE)

SPECIAL PRECAUTIONS: FOLLOW RECOMMENDED PROCEDURES FOR SAFE HANDLING AND STORAGE.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

TSCA: ALL COMPONENTS ARE LISTED IN TSCA INVENTORY OR EXEMPT.

CERCLA: NOT LISTED AS A HAZARDOUS SUBSTANCE.

SARA TITLE III: NOT LISTED AS A HAZARDOUS SUBSTANCE.

311/312 HAZARD CATEGORIES: (NOT APPLICABLE)

313 REPORTABLE INGREDIENTS: (NOT APPLICABLE)

STATE REGULATIONS: CALIFORNIA PROPOSITION 65 NOTICE:

 **WARNING:** CANCER AND REPRODUCTIVE HARM – WWW.P65WARNINGS.CA.GOV

SECTION 16: OTHER INFORMATION

DATE OF PREPARATION: JANUARY 24, 2025

PREPARER INFORMATION: DUNN-EDWARDS CORPORATION
ENVIRONMENTAL AFFAIRS DEPARTMENT
EMAIL: ENVIRONMENTAL@DUNNEDWARDS.COM

DISCLAIMER: THE INFORMATION CONVEYED ABOVE, ALTHOUGH OBTAINED FROM SOURCES WE CONSIDER RELIABLE, IS FURNISHED BY DUNN-EDWARDS CORPORATION WITHOUT ANY WARRANTY (WHETHER EXPRESS OR IMPLIED) AS TO ITS ACCURACY, ADEQUACY, OR APPLICABILITY TO ANY PARTICULAR NEEDS OR CIRCUMSTANCES.



MODERN MASTERS® COLORFAST™ EX EPOXY MASTIC PRIMER

DESCRIPTION AND USES

Modern Masters® Colorfast™ EX high performance two component high solids epoxy mastic primer is specifically designed for application directly to sound rusted steel, clean steel, galvanized metal, concrete, previously coated surfaces, and slightly damp surfaces. This primer contains <100 g/L VOC and can be used inside or outside (must be top coated). The Colorfast EX Epoxy Mastic Primer comes in either gray or white.

PRODUCT FEATURES AND BENEFITS

- Adheres to multiple substrates including sound rusted steel with minimal surface preparation
- Available in gray or white
- User friendly: 2–4-hour pot life, low VOC, and minimal hazardous air pollutants (HAPs)
- 24 hour recoat time
- VOC compliant nationwide

PRODUCTS

SKU	DESCRIPTION (1 Gallon)
366718	Gray Primer Base
366719	White Primer Base
366721	Activator

PRODUCT APPLICATION

SURFACE PREPARATION

ALL SURFACES: Remove all dirt, grease, oil, salt, and chemical contaminants by washing the surface with Krud Kutter® PRO Cleaner Degreaser or other suitable cleaner. Rinse with fresh water and allow to thoroughly dry.

STEEL: Hand tool (SSPC-SP-2) or power tool (SSPC-SP-3) clean to remove loose rust, scale, and deteriorated previous coatings to obtain a sound rusted surface. For optimum corrosion resistance, abrasive blast to Near White Metal SSPC-SP10 (NACE 2). Commercial Grade SSPC-SP-6 (NACE 3) is acceptable. Blast profile should be 1-2 mils (25-50µ). If abrasive blast cleaning method is used, then two coats of primer are required to properly prime steel.

PREVIOUSLY COATED: Previously coated surfaces must be sound and in good condition. Smooth, hard, or glossy finishes should be scarified by sanding or sweep blasting to create a surface profile. The Colorfast EX Epoxy Mastic Primer is compatible with most coatings, but a test patch is suggested.

PRODUCT APPLICATION (cont.)

SURFACE PREPARATION (cont.)

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead

GALVANIZED METAL: Remove oil, dirt, grease, and other chemical deposits with Krud Kutter PRO Cleaner Degreaser or other suitable cleaner. Remove loose rust, white rust or deteriorated old coatings by hand or power tool cleaning or brush off blasting. Rinse thoroughly with fresh water and allow to fully dry.

CONCRETE OR MASONRY: New concrete or masonry must cure 30 days before coating. Any concrete surface must be protected from moisture transmission from uncoated areas. Remove all loose, unsound concrete. Remove laitance and clean with Zinsser® WaterTite® Etch and Cleaner (refer to this products' TDS for further information). Prime the surface with Colorfast EX Epoxy Mastic Primer.

MIXING

Both the base and activator components are highly pigmented. Mix each component thoroughly to ensure any settled pigment is re-dispersed before combining the components together. Combine at a 1:1 ratio by volume in a container large enough to hold the total volume. Mix thoroughly for 2-3 minutes. Power mixing is preferred. Do not mix more material than you plan to use within the listed pot life.

REDUCTION/THINNING

Thinning is normally not required, except for air-atomized spray. For air-atomized spray application, thin only up to 25% by volume with Colorfast EX Urethane/Epoxy Reducer CFEXR1000132 after the components have been mixed. Substitution of thinner can affect VOC compliance.



**MODERN MASTERS® COLORFAST™ EX
EPOXY MASTIC PRIMER**

PRODUCT APPLICATION (cont.)

APPLICATION CONDITIONS

Apply only when air and surface temperatures are between 50-120°F (10-48°C) and when the surface temperature is at least 5°F (3°C) above the dew point. Use in areas with adequate ventilation. The relative humidity should not be greater than 85%. Extremely high or low relative humidity can affect dry times and the final gloss of the coating. Low curing temperatures and/or condensation on the film while curing can affect appearance in the form of an amine blush. This can generally be removed with soap and water; however, in a case of extreme blushing, the performance of the coating may be slightly affected.

NOTE: If curing time exceeds 30 days, the surface must be scarified by sanding, or other method, prior to application of an additional coat or other finish coating.

APPLICATION

Airless spray is the preferred method of application. However, brush, roller, or air-atomized spray may also be used. Refer to Reduction/Thinning section for reduction recommendations. For proper performance, a dry film thickness of 5-8 mils per coat is required. Excessive brushing or rolling may reduce film thickness. Apply a second coat if necessary to achieve the recommended film thickness.

EQUIPMENT RECOMMENDATIONS

(Comparable equipment also suitable)

BRUSH: Use a good quality synthetic bristle brush.

ROLLER: Use a good quality lamb's wool or synthetic fiber (3/8-1/2" nap)

AIR-ATOMIZED SPRAY

Method	Fluid Tip	Fluid Delivery	Atomized Pressure
Pressure	0.055-0.070	1-16 oz./min.	25-60 psi
Siphon	0.055-0.070	--	25-60 psi
HVLP (var.)	0.043-0.070	8-10 oz./min.	10 psi (at tip)

AIRLESS SPRAY

Fluid Pressure	Fluid Tip	Filter Mesh
1,800-3,000 psi	0.013-0.017	100

CAUTION: Protect surrounding surfaces from over spray. Over spray can be wet or dry depending on height of work, weather, environmental conditions, and application equipment. Wet over spray can adhere to unwanted surfaces. Dry over spray may be removed by wiping or washing. Always clean dry over spray from hot surfaces before fusing occurs as surface temperatures can be higher than the air temperature.

PRODUCT APPLICATION (cont.)

CLEAN-UP

Use 315512 Compliant Thinner.

SHELF LIFE

Base components	3 years†
Activators	3 years†

†Unopened containers. Some settling may occur requiring mechanical mixing to re-disperse pigment.



**MODERN MASTERS® COLORFAST™ EX
EPOXY MASTIC PRIMER**

PHYSICAL PROPERTIES

		COLORFAST EX EPOXY MASTIC PRIMER	
Resin Type		Cycloaliphatic modified amine converted epoxy	
Inhibitive Pigment		Calcium borosilicate	
Solvents		Exempt halogenated solvent Benzyl alcohol (activator only)	
Weight*	Per Gallon	12.5-13.2 lbs.	
	Per Liter	1.5-1.6 kg	
Solids*	By Weight	78-83%	
	By Volume	75-80%	
Volatile Organic Compounds*		<100 g/l (0.83 lbs./gal.)	
Mixing Ratio		1:1 Base:Activator (by volume)	
Recommended Dry Film Thickness (DFT) Per Coat		5-8 mils (125-200µ)	
Wet Film to Achieve DFT (unthinned material)		6.5-10.0 mils (162.5-250µ)	
Practical Coverage at Recommended DFT (assumes 15% material loss)		130-220 sq. ft./gal. (3.2-5.4 m ² /l)	
Induction Period		None required	
Pot Life**	2 gallons	2-4 hours at 70°F (21°C)	1-2 hours at 90°F (32°C)
	10 gallons	2 hours at 70°F (21°C)	<1 hour at 90°F (32°C)
Dry Times at 50% Relative Humidity	Tack-free	8-10 hours at 70°F (21°C)	16-24 hours at 50°F (10°C)
	Handle	10-16 hours at 70°F (21°C)	48-72 hours at 50°F (10°C)
	Recoat	24 hours to 30 days at 70°F (21°C)	72 hours to 30 days at 50°F (10°C)
Shelf Life		3 years (Unopened containers. Some settling may occur requiring mechanical mixing to re-disperse pigment.)	
Dry Heat Resistance		Works in conjunction with topcoat of 200°F (93°C)	
Safety Information		For additional information, see SDS	

Calculated values are shown and may vary slightly from the actual manufactured material.

* Activated material

** Pot life is affected by air temperature, amount of material activated and the quantity of thinner used. Avoid activating large quantities at temperatures above 80°F (27°C). At temperatures above 90°F (32°C), the pot life of unthinned material in 5-gallon pails may be very short (less than one hour).

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.

Safety Data Sheet



www.modernmasters.com

1. Identification

Product Name:	CLFST 1-GL 1PK EPXY GRAY PRIMER BASE	Revision Date:	1/7/2022
Product Identifier:	366718	Supersedes Date:	9/13/2021
Recommended Use:	Primer		
Supplier:	Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA	Manufacturer:	Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA
Preparer:	Regulatory Department		
Emergency Telephone:	24 Hour Hotline: 847-367-7700		

2. Hazards Identification

Classification

Symbol(s) of Product



Signal Word

Danger

Possible Hazards

43% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS HAZARD STATEMENTS

Flammable Liquid, category 3	H226	Flammable liquid and vapor.
Skin Irritation, category 2	H315	Causes skin irritation.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.
Eye Irritation, category 2A	H319	Causes serious eye irritation.
STOT, Single Exposure, category 3, RTI	H335	May cause respiratory irritation.
Germ Cell Mutagenicity, category 1B	H340	May cause genetic defects.
Carcinogenicity, category 1B	H350	May cause cancer.
STOT, Repeated Exposure, category 2	H373	May cause damage to organs through prolonged or repeated exposure.

GHS LABEL PRECAUTIONARY STATEMENTS

P201	Obtain special instructions before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. NO SMOKING.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P321	For specific treatment see label.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local, regional and national regulations.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	If exposed or concerned: Get medical advice/attention.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use alcohol film forming foam, carbon dioxide, dry chemical, dry sand to extinguish.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P362+P364	Take off contaminated clothing and wash it before reuse.

GHS SDS PRECAUTIONARY STATEMENTS

P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P363	Wash contaminated clothing before reuse.

3. Composition / Information on Ingredients**HAZARDOUS SUBSTANCES**

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt.% Range</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
Epichlorohydrin-Bisphenol A Resin	25068-38-6	25-50	GHS07	H315-317-319-335
1-Chloro-4-(Trifluoromethyl)Benzene	98-56-6	10-25	GHS07	H315-319-332-335
Hydrous Magnesium Silicate	14807-96-6	10-25	Not Available	Not Available
Titanium Dioxide	13463-67-7	2.5-10	Not Available	Not Available
Hydrocarbon Resin	68603-08-7	1.0-2.5	GHS07-GHS08	H304-335-336-340-350-372
Ethylbenzene	100-41-4	0.1-1.0	GHS02-GHS07-GHS08	H225-304-332-351-373

4. First-Aid Measures

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

FIRST AID - SKIN CONTACT: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

FIRST AID - INGESTION: If swallowed, get medical attention.

5. Fire-Fighting Measures

EXTINGUISHING MEDIA: Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may explode when exposed to extreme heat due to buildup of steam. Keep containers tightly closed. Combustible liquid and vapor. No unusual fire or explosion hazards noted.

SPECIAL FIREFIGHTING PROCEDURES: Evacuate area and fight fire from a safe distance. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

Special Fire and Explosion Hazard (Combustible Dust): No Information

6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers.

7. Handling and Storage

HANDLING: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS and label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

STORAGE: Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Avoid excess heat. Store in a dry, well ventilated place. Keep container tightly closed when not in use.

Advice on Safe Handling of Combustible Dust: No Information

8. Exposure Controls / Personal Protection

Chemical Name	CAS-No.	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV- STEL	OSHA PEL-TWA	OSHA PEL- CEILING
Epichlorohydrin-Bisphenol A Resin	25068-38-6	45.0	N.E.	N.E.	N.E.	N.E.
1-Chloro-4-(Trifluoromethyl) Benzene	98-56-6	25.0	2.5 mg/m ³	N.E.	2.5 mg/m ³	N.E.
Hydrous Magnesium Silicate	14807-96-6	20.0	2 mg/m ³	N.E.	N.E.	N.E.
Titanium Dioxide	13463-67-7	10.0	10 mg/m ³	N.E.	15 mg/m ³	N.E.
Hydrocarbon Resin	68603-08-7	5.0	N.E.	N.E.	N.E.	N.E.
Ethylbenzene	100-41-4	1.0	20 ppm	N.E.	100 ppm	N.E.

PERSONAL PROTECTION

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

SKIN PROTECTION: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

Engineering Measures for Combustible Dust: No Information

9. Physical and Chemical Properties

Appearance:	Liquid	Physical State:	Liquid
Odor:	Solvent Like	Odor Threshold:	N.E.
Specific Gravity:	1.496	pH:	N.A.
Freeze Point, °C:	N.D.	Viscosity:	N.D.
Solubility in Water:	Negligible	Partition Coefficient, n-octanol/ water:	N.D.
Decomposition Temp., °C:	N.D.	Explosive Limits, vol%:	0.9 - 10.5
Boiling Range, °C:	136 - 537	Flash Point, °C:	46
Flammability:	Supports Combustion	Auto-Ignition Temp., °C:	N.D.
Evaporation Rate:	Slower than Ether	Vapor Pressure:	N.D.
Vapor Density:	Heavier than Air		

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

Conditions to Avoid: No Information

Incompatibility: Incompatible with strong oxidizing agents, strong acids and strong alkalis.

Hazardous Decomposition: When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents which may form carbon monoxide, carbon dioxide, and formaldehyde.

Hazardous Polymerization: Will not occur under normal conditions.

Stability: This product is stable under normal storage conditions.

11. Toxicological Information

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Substance causes moderate eye irritation.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Substance may cause slight skin irritation.

EFFECTS OF OVEREXPOSURE - INHALATION: High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation. Constituents of this product include crystalline silica dust which, if inhalable, can may cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline silica is also listed by the NTP as a known human carcinogen. Constituents may also contain asbestiform or non-asbestiform tremolite or other silicates as impurities, and above de minimus exposure to these impurities in inhalable form may be carcinogenic or cause other serious lung problems.

EFFECTS OF OVEREXPOSURE - INGESTION: Irritating to the nose, throat and respiratory tract. Harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. IARC lists Ethylbenzene as a possible human carcinogen (group 2B). Contains Titanium Dioxide. Titanium Dioxide is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC. No significant exposure to Titanium Dioxide is thought to occur during the use of products in which Titanium Dioxide is bound to other materials, such as in paints during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of Titanium Dioxide in the formula. (Ref: IARC Monograph, Vol. 93, 2010)

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
25068-38-6	Epichlorohydrin-Bisphenol A Resin	11400 mg/kg Rat	>5000	25 g/L
98-56-6	1-Chloro-4-(Trifluoromethyl)Benzene	13000 mg/kg Rat	>3300 mg/kg Rabbit	33 mg/L Rat
14807-96-6	Hydrous Magnesium Silicate	6000	N.E.	30
13463-67-7	Titanium Dioxide	>10000 mg/kg Rat	2500 mg/kg	N.E.
100-41-4	Ethylbenzene	3500 mg/kg Rat	15400 mg/kg Rabbit	17.4 mg/L Rat

N.E. - Not Established

12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components.

13. Disposal Information

DISPOSAL INFORMATION: Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not incinerate closed containers.

14. Transport Information

	<u>Domestic (USDOT)</u>	<u>International (IMDG)</u>	<u>Air (IATA)</u>	<u>TDG (Canada)</u>
UN Number:	N.A.	1263	1263	N.A.
Proper Shipping Name:	Not Regulated	Paint	Paint	Not Regulated
Hazard Class:	N.A.	3	3	N.A.
Packing Group:	N.A.	III	III	N.A.
Limited Quantity:	No	Yes	Yes	No

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Flammable (gases, aerosols, liquids, or solids), Carcinogenicity, Skin Corrosion or Irritation, Respiratory or Skin Sensitization, Serious eye damage or eye irritation, Specific target organ toxicity (single or repeated exposure), Germ cell mutagenicity

SARA Section 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>
Hydrocarbon Resin	68603-08-7
Aluminum Oxide	1344-28-1
Ethylbenzene	100-41-4
Pigment Green 7	1328-53-6

Toxic Substances Control Act

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

<u>Chemical Name</u>	<u>CAS-No.</u>
1-Chloro-4-(Trifluoromethyl)Benzene	98-56-6

U.S. State Regulations:

California Proposition 65

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

16. Other Information**HMIS RATINGS**

Health: 2* Flammability: 2 Physical Hazard: 0 Personal Protection: X

NFPA RATINGS

Health: 2 Flammability: 2 Instability: 0

Volatile Organic Compounds: 24 g/L

SDS REVISION DATE: 1/7/2022

REASON FOR REVISION: Product Composition Changed
Revision Statement(s) Changed

Legend: N.A. - Not Applicable, N.D. - Not Determined, N.E. - Not Established

The manufacturer believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. The manufacturer makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.

Safety Data Sheet



www.modernmasters.com

1. Identification

Product Name:	CLFST 1-GL 1PK ACTVTR	Revision Date:	1/31/2022
Product Identifier:	366721	Supersedes Date:	9/13/2021
Recommended Use:	Activator		
Supplier:	Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA	Manufacturer:	Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA
Preparer:	Regulatory Department		
Emergency Telephone:	24 Hour Hotline: 847-367-7700		

2. Hazards Identification

Classification

Symbol(s) of Product



Signal Word

Danger

Possible Hazards

51% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS HAZARD STATEMENTS

Flammable Liquid, category 3	H226	Flammable liquid and vapor.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.
Carcinogenicity, category 2	H351	Suspected of causing cancer.
Reproductive Toxicity, category 2	H361	Suspected of damaging fertility or the unborn child.
Skin Corrosion, category 1B	H314	Causes severe skin burns and eye damage.

GHS LABEL PRECAUTIONARY STATEMENTS

P201	Obtain special instructions before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. NO SMOKING.
P233	Keep container tightly closed.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P310	If exposed immediately call a POISON CENTER or doctor/physician.
P321	For specific treatment see label.
P405	Store locked up.

P501	Dispose of contents/container in accordance with local, regional and national regulations.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P370+P378	In case of fire: Use alcohol film forming foam, carbon dioxide, dry chemical, dry sand to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.

GHS SDS PRECAUTIONARY STATEMENTS

P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P363	Wash contaminated clothing before reuse.

3. Composition / Information on Ingredients**HAZARDOUS SUBSTANCES**

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt.% Range</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
4-Nonylphenol, Branched	84852-15-3	10-25	GHS05-GHS07-GHS08	H302-312-314-361
1-Chloro-4-(Trifluoromethyl)Benzene	98-56-6	10-25	GHS07	H315-319-332-335
Polyoxypropylenediamine	9046-10-0	10-25	GHS05	H314
Hydrous Magnesium Silicate	14807-96-6	2.5-10	Not Available	Not Available
Benzyl Alcohol	100-51-6	2.5-10	GHS07	H302-312-320-332
Isophorone Diamine	2855-13-2	1.0-2.5	GHS05-GHS07	H302-314-317
2-Nonyl Phenol, Branched	91672-41-2	1.0-2.5	GHS07	H302
Salicylic Acid	69-72-7	0.1-1.0	GHS05-GHS06-GHS08	H302-318-330-361
Ethylbenzene	100-41-4	0.1-1.0	GHS02-GHS07-GHS08	H225-304-332-351-373
1-Propene	115-07-1	<0.1	GHS04	H280

4. First-Aid Measures

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

FIRST AID - SKIN CONTACT: Immediately flush skin with plenty of water for at least 15 minutes while removing clothing. Get medical attention immediately. Wash clothing separately before reuse.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

FIRST AID - INGESTION: If swallowed, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cupfuls of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively. Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately. If swallowed, get medical attention.

5. Fire-Fighting Measures

EXTINGUISHING MEDIA: Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may explode when exposed to extreme heat due to buildup of steam. Keep containers tightly closed. Combustible liquid and vapor. No unusual fire or explosion hazards noted.

SPECIAL FIREFIGHTING PROCEDURES: Evacuate area and fight fire from a safe distance. Containers can rupture and release highly toxic material if exposed to heat. Substance is non-combustible but reacts with many metals to form explosive hydrogen gas. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

Special Fire and Explosion Hazard (Combustible Dust): No Information

6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Avoid runoff into sewers and waterways. Provide ventilation and approach spill from upwind using proper personal protective equipment as indicated in Section 8. Carefully neutralize spill with sodium bicarbonate (NaHCO₃).

7. Handling and Storage

HANDLING: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS and label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

STORAGE: Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Avoid excess heat. Store in a dry, well ventilated place. Keep container tightly closed when not in use.

Advice on Safe Handling of Combustible Dust: No Information

8. Exposure Controls / Personal Protection

Chemical Name	CAS-No.	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV- STEL	OSHA PEL- TWA	OSHA PEL- CEILING
4-Nonylphenol, Branched	84852-15-3	20.0	N.E.	N.E.	N.E.	N.E.
1-Chloro-4-(Trifluoromethyl) Benzene	98-56-6	15.0	2.5 mg/m ³	N.E.	2.5 mg/m ³	N.E.
Polyoxypropylenediamine	9046-10-0	15.0	N.E.	N.E.	N.E.	N.E.
Hydrous Magnesium Silicate	14807-96-6	10.0	2 mg/m ³	N.E.	N.E.	N.E.
Benzyl Alcohol	100-51-6	5.0	N.E.	N.E.	N.E.	N.E.
Isophorone Diamine	2855-13-2	5.0	N.E.	N.E.	N.E.	N.E.
2-Nonyl Phenol, Branched	91672-41-2	5.0	N.E.	N.E.	N.E.	N.E.
Salicylic Acid	69-72-7	1.0	N.E.	N.E.	N.E.	N.E.
Ethylbenzene	100-41-4	1.0	20 ppm	N.E.	100 ppm	N.E.
1-Propene	115-07-1	0.1	500 ppm	N.E.	N.E.	N.E.

PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide general dilution of local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients below acceptable limits. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

SKIN PROTECTION: Use impervious gloves to prevent skin contact and absorption of this material through the skin.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

Engineering Measures for Combustible Dust: No Information

9. Physical and Chemical Properties

Appearance:	Liquid	Physical State:	Liquid
Odor:	Solvent Like	Odor Threshold:	N.E.
Specific Gravity:	1.516	pH:	N.A.
Freeze Point, °C:	N.D.	Viscosity:	N.D.
Solubility in Water:	Negligible	Partition Coefficient, n-octanol/water:	N.D.
Decomposition Temp., °C:	N.D.	Explosive Limits, vol%:	0.9 - 13.0
Boiling Range, °C:	136 - 537	Flash Point, °C:	51
Flammability:	Supports Combustion	Auto-Ignition Temp., °C:	N.D.
Evaporation Rate:	Slower than Ether	Vapor Pressure:	N.D.
Vapor Density:	Heavier than Air		

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

Conditions to Avoid: Avoid contact with metals.

Incompatibility: Incompatible with strong oxidizing agents, strong acids and strong alkalies. Product slowly corrodes copper, aluminum, zinc, and galvanized surfaces.

Hazardous Decomposition: When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents which may form carbon monoxide, carbon dioxide, and formaldehyde. Decomposition produces hydrogen chloride, chlorine and hydrogen gases.

Hazardous Polymerization: Will not occur under normal conditions.

Stability: This product is stable under normal storage conditions.

11. Toxicological Information

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Substance causes moderate eye irritation. Substance causes severe eye irritation. Injury may be permanent.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Substance may cause slight skin irritation. Severely irritating; may cause permanent skin damage.

EFFECTS OF OVEREXPOSURE - INHALATION: Harmful if inhaled. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation. Constituents of this product include crystalline silica dust which, if inhalable, can may cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline silica is also listed by the NTP as a known human carcinogen. Constituents may also contain asbestiform or non-asbestiform tremolite or other silicates as impurities, and above de minimus exposure to these impurities in inhalable form may be carcinogenic or cause other serious lung problems.

EFFECTS OF OVEREXPOSURE - INGESTION: Irritating to the nose, throat and respiratory tract. Corrosive and may cause severe and permanent damage to mouth, throat and stomach. Harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. IARC lists Ethylbenzene as a possible human carcinogen (group 2B). Repeated exposure to low concentrations of HCl vapor or mist may cause bleeding of nose and gums.

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
84852-15-3	4-Nonylphenol, Branched	1300 mg/kg Rat	2000 mg/kg Rabbit	25 mg/L
98-56-6	1-Chloro-4-(Trifluoromethyl)Benzene	13000 mg/kg Rat	>3300 mg/kg Rabbit	33 mg/L Rat
9046-10-0	Polyoxypropylenediamine	2885 mg/kg Rat	2979 mg/kg Rabbit	25 mg/L
14807-96-6	Hydrous Magnesium Silicate	6000	N.E.	30
100-51-6	Benzyl Alcohol	1230 mg/kg Rat	2000 mg/kg Rabbit	11 mg/L Rat
2855-13-2	Isophorone Diamine	1030 mg/kg Rat	> 2,000 mg/kg Rat	25 mg/L
91672-41-2	2-Nonyl Phenol, Branched	1412 mg/kg	2031 mg/kg	25 mg/L

69-72-7 Salicylic Acid
100-41-4 Ethylbenzene

891 mg/kg Rat
3500 mg/kg Rat

>2000 mg/kg Rat
15400 mg/kg Rabbit

>.9 mg/L Rat
17.4 mg/L Rat

N.E. - Not Established

12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components.

13. Disposal Information

DISPOSAL INFORMATION: Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not incinerate closed containers. RCRA Hazardous Waste: This material, when discarded or disposed of, could be a hazardous waste according to federal regulations (40 CFR 261) due to the characteristic of corrosivity (D002). Check state and local regulations for disposal requirements. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate.

14. Transport Information

	<u>Domestic (USDOT)</u>	<u>International (IMDG)</u>	<u>Air (IATA)</u>	<u>TDG (Canada)</u>
UN Number:	N.A.	1263	1263	N.A.
Proper Shipping Name:	Not Regulated	Paint	Paint	Not Regulated
Hazard Class:	N.A.	3	3	N.A.
Packing Group:	N.A.	III	III	N.A.
Limited Quantity:	No	Yes	Yes	No

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Flammable (gases, aerosols, liquids, or solids), Carcinogenicity, Reproductive toxicity, Skin Corrosion or Irritation, Respiratory or Skin Sensitization

SARA Section 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>
4-Nonylphenol, Branched	84852-15-3
Ethylbenzene	100-41-4
1-Propene	115-07-1

Toxic Substances Control Act

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

<u>Chemical Name</u>	<u>CAS-No.</u>
4-Nonylphenol, Branched	84852-15-3
1-Chloro-4-(Trifluoromethyl)Benzene	98-56-6
2-Nonyl Phenol, Branched	91672-41-2

U.S. State Regulations:**California Proposition 65****WARNING:**Cancer and Reproductive Harm - www.P65Warnings.ca.gov.**16. Other Information****HMIS RATINGS**

Health:	2*	Flammability:	2	Physical Hazard:	0	Personal Protection:	X
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NFPA RATINGS

Health:	2	Flammability:	2	Instability:	1
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Volatile Organic Compounds: 42 g/L**SDS REVISION DATE:** 1/31/2022

REASON FOR REVISION: Product Composition Changed
 Substance and/or Product Properties Changed in
 Section(s):
 02 - Hazard Identification
 15 - Regulatory Information
 Revision Statement(s) Changed

Legend: N.A. - Not Applicable, N.D. - Not Determined, N.E. - Not Established

The manufacturer believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. The manufacturer makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.



**MODERN MASTERS® COLORFAST™ EX
ZERO VOC ACRYLIC POLYURETHANE**

DESCRIPTION AND USES

Modern Masters® Colorfast™ EX Zero VOC Acrylic Polyurethane is a high performance, two component polyurethane product line designed to provide excellent exterior performance and minimal emissions of regulated Volatile Organic Compound (VOC) and Volatile Hazardous Air Pollutants (VHAP's).

Colorfast EX can be used as a clear topcoat or as a Tinting Base to create bold and vibrant paint colors when used with Colorfast EX Zero VOC Colorants for any project. This system is specifically formulated with ingredients that are resistant to ultraviolet degradation combined with fade resistant pigments. Application properties allow architects and contractors to complete projects with a durable paint finish that will last for years. Colorfast EX Bases are available in multiple sheen levels.

This coating complies with USDA FSIS regulatory sanitation performance standards for food establishment facilities. This coating is impervious to moisture and easily cleaned and sanitized.

PRODUCTS

SKU	DESCRIPTION
CFEXU10101GAL	Colorfast EX Clear Matte
CFEXU10103GAL	Colorfast EX Clear Satin
CFEXU10109GAL	Colorfast EX Clear Gloss
CFEXU10178GAL	Colorfast EX Pre-Mixed Silver Gloss
CFEXU1000032	Colorfast EX Activator

COMPANION PRODUCTS

SKU	DESCRIPTION
CFEXA1060132	Colorfast EX Accelerator
CFEXR1000132	Urethane/Epoxy Primer Reducer
355396	High Temperature Reducer

COLORFAST EZ ZERO VOC COLORANTS

SKU	DESCRIPTION
CFX10701GAL	Colorfast EX Tinting Black
CFX10702GAL	Colorfast EX Red Oxide
CFX10704GAL	Colorfast EX Phthalo Blue GS
CFX10705GAL	Colorfast EX Shading Black
CFX10706GAL	Colorfast EX Phthalo Green BS
CFX10707GAL	Colorfast EX Phthalo Blue RS
CFX10709GAL	Colorfast EX Bright Red
CFX10711GAL	Colorfast EX Jet Black
CFX10713GAL	Colorfast EX Magenta
CFX10715GAL	Colorfast EX Yellow Oxide
CFX10716GAL	Colorfast EX White
CFX10728GAL	Colorfast EX Organic Yellow GS
CFX10729GAL	Colorfast EX Organic Yellow RS
CFX10742GAL	Colorfast EX Quin Red BS
CFX10769GAL	Colorfast EX Orange

RECOMMENDED PRIMER

Colorfast EX Epoxy Mastic Primer

PRODUCT APPLICATION

SURFACE PREPARATION

All surfaces to be painted must be entirely free of dust, dirt, oil, grease, and other contaminants. Completely remove all loose, flaking, or chalking paint from the surfaces. Use a NIOSH approved respirator when sanding and when working with old, loose paint particles. Provide adequate ventilation. Properly prime the clean, dry surface with a primer from our recommended list and allow the surface to dry completely—preferably overnight.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

APPLICATION CONDITIONS

Do not apply in temperatures below 50°F/10°C. Note: Lower temperatures and/or higher humidity will lengthen the dry and cure times. Higher temperatures and/or lower humidity will speed up the dry and cure times.

MIXING

Mix three (3) parts Colorfast EX Base (Component A) with one (1) part Activator CFEXU1000032 (Component B) by volume. Mix well (Hand Stir). No induction time required. Pot Life - 2-3 hours at 75° ± 5°F.

APPLICATION

Colorfast EX can be brushed, rolled, or sprayed onto any paintable surface. Stir the paint thoroughly before using.

BRUSHING: Use a high-quality brush recommended for solvent or oil-based paints.

ROLLING: Use a high-quality roller recommended for solvent or oil-based paints. When rolling, work in approximately 4-foot-wide sections, keeping a wet edge.



**MODERN MASTERS® COLORFAST™ EX
ZERO VOC ACRYLIC POLYURETHANE**

PRODUCT APPLICATION (cont.)

APPLICATION (cont.)

Brush & Roll Application: Depending upon the application environment, there may be times where reduction/thinning is needed to promote flow, leveling and air release for pre-mixed and activated Colorfast EX ZERO VOC Acrylic Polyurethane. If needed, add 2-6 ounces of CFEXR1000132 Urethane/Epoxy Primer Reducer or 355396 High Temperature Reducer to 1 gallon of pre-mixed and activated Colorfast EX Base. Note: Do not exceed 6 ounces per gallon ratio as sagging and running may occur.

Accelerator Additive: Properly mixed and activated Colorfast EX ZERO VOC Acrylic Polyurethane is ready to apply by brush, roller, or spray equipment. The initial viscosity is 25-35 seconds Zahn #2 Cup. Sprayable pot-life is 2-3 hours @ 77°F (25°C). If a reduced dry time is desired add 1/2 ounce to 3 ounces of Accelerator to the pre-mixed and activated Colorfast EX ZERO VOC Acrylic Polyurethane base. The chart below approximates the addition levels of Accelerator to obtain a 3-4-hour tape time and maintain a 60-90-minute pot life. This will vary slightly depending on color and gloss of formulation.

TEMPERATURE RANGE	AMOUNT ADDED
55°-62°F	2.5-3 Oz.
63°-70°F	2 Oz.
71°-78°F	1.5 Oz.
79°-86°F	1 Oz.
87°-94°F	0.5 Oz.
95+°F	Add only as needed

SPRAYING: Use an HVLP, Airless spray unit or an Air Assisted Airless spray unit. Use equipment manufacturer's recommended tip sizes for solvent borne paint. Thin as needed—but carefully—as over thinning may result in loss of hide and a reduction of the desired appearance. Typically, 10-25% reduction with CFEXR1000132 Urethane/Epoxy Primer Reducer will provide maximum atomization and flow characteristics. When spraying, use a properly fitted NIOSH approved respirator per the manufacturer's instructions.

DRY TIMES

Dry times at 75° ± 5°F and RH 50% ± 10%

ASTM D1640-03

Tack Free	2-4 hours
Dry Hard	6-10 hours
Dry to Tape	8-12 hours
Recoat Time	2-48 hours
Full Cure	7 days

PRODUCT APPLICATION (cont.)

FORCE DRY

For dry to stack conditions only. Allow a minimum of 15 minutes flash off time at ambient temperatures prior to exposing painted parts to elevated temperatures. Complete testing should be done prior to use. Below are suggested starting points. Other variables may affect these cure schedules.

TEMPERATURE	TIME
120°F	45 minutes
140°F	30 minutes
160°F	20 minutes
180°F	15 minutes

CLEAN UP

Clean brushes, rollers, tool, and equipment with compliant wash solvent immediately after use. Do not reuse containers and properly dispose of empty containers. As these products have a 2-3-hour pot-life, all application equipment, spray guns, pressure pots, etc. should be cleaned up immediately after use. Only activate enough material to be used within 2 hours of mixing.

PERFORMANCE CHARACTERISTICS

NOTE: Typical Properties after one week air dry, tested on Bonderite 1000 CRS. Properties may vary by color.

SALT SPRAY RATINGS

Method: ASTM B117

Result: (650 hours) <1.5 mm creep from scribe

CROSS HATCH ADHESION

Method: ASTM D3359

Result: 5B

SOLVENT DOUBLE RUB

Method: ASTM D4752

Result: MEK and IPA- Pass 100 rubs

60° SPECULAR GLOSS

Method: ASTM D523

Results: Gloss Bases- 90 units minimum

Semi-Gloss- 45-60 units

Matte- <10 units

IMPACT RESISTANCE

Method: ASTM D2784

Results: Forward 60 in. lb., Reverse 30 in. lb.

PENCIL HARDNESS

Method: ASTM D3363

Result: 2H-5H

QUV-3000 hrs.

Method: ASTM D4587/D154 Cycles 1 and 2

Results: DDE cmc & DE = 1.0 (Gloss White)

Gloss Loss 60° <2% Gloss Loss 20° <3.6%

MANDRILL BEND

Method: ASTM D522

Result: 1/8" Pass, no cracking, flaking or adhesion loss



**MODERN MASTERS® COLORFAST™ EX
ZERO VOC ACRYLIC POLYURETHANE**

PHYSICAL PROPERTIES

		COLORFAST EX ZERO VOC ACRYLIC POLYURETHANE
Resin Type		Solvent-based Polyurethane
Pigment Type		Aluminum, Fumed Silica
Solvents		Acetone, Oxsol
Weight	Per Gallon	9.77-10.30 lbs.
	Per Liter	1.17-1.24 kg
Solids	By Weight	45.12-47.45%
	By Volume	45.6-49.2%
Volatile Organic Compounds		0 g/l
Mixing Ratio		3:1 Component A: Component B
Pot Life		2-3 hours @ 75°F
Recommended Dry Film Thickness (DFT) per Coat		2 mils
Wet Film to Achieve DFT (Unthinned material)		4.0-4.5 mils
Practical Coverage at Recommended DFT (assume 15% material loss)		300-390 sq. ft./gal.
Dry Times at 77°F (25°C) and 50% Relative Humidity	Touch	1-3 hours
	Handle	6-10 hours
	Recoat	2-48 hours
	Full Cure	7 days
Shelf Life		4 years
Flash Point		-4°F (-20°C)
Safety Information		For additional information, see SDS

Calculated values are shown and may vary from the actual manufactured material.

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.



Safety Data Sheet



www.modernmasters.com

1. Identification

Product Name:	CFEXU 1-GL GLOSS POLYURETHANE CLEAR	Revision Date:	1/23/2019
Product Identifier:	CFEXU10109GAL	Supersedes Date:	5/29/2018
Recommended Use:	Clear Coat/ Polyurethane		
Supplier:	Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA	Manufacturer:	Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA
Preparer:	Regulatory Department		
Emergency Telephone:	24 Hour Hotline: 847-367-7700		

2. Hazard Identification

Classification

Symbol(s) of Product



Signal Word

Danger

Possible Hazards

3% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS HAZARD STATEMENTS

Flammable Liquid, category 2	H225	Highly flammable liquid and vapour.
STOT, single exposure, category 3, RTI	H335	May cause respiratory irritation.
Acute Toxicity, Inhalation, category 4	H332	Harmful if inhaled.
Skin Irritation, category 2	H315	Causes skin irritation.
Eye Irritation, category 2	H319	Causes serious eye irritation.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.

GHS LABEL PRECAUTIONARY STATEMENTS

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370+P378	In case of fire: Use alcohol film forming foam, carbon dioxide, dry chemical, dry sand to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container in accordance with local, regional and national regulations.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P271	Use only outdoors or in a well-ventilated area.

P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P264	Wash hands thoroughly after handling.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P321	For specific treatment see label
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P272	Contaminated work clothing should not be allowed out of the workplace.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.

GHS SDS PRECAUTIONARY STATEMENTS

P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P363	Wash contaminated clothing before reuse.

3. Composition / Information On Ingredients**HAZARDOUS SUBSTANCES**

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt.% Range</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
1-Chloro-4-(Trifluoromethyl)Benzene	98-56-6	25-50	GHS07	H315-319-332-335
Acetone	67-64-1	2.5-10	GHS02-GHS07	H225-319-332-336
bis(1,2,2,6,6-Pentamethyl-4-Piperidiny) Sebacate	41556-26-7	1.0-2.5	GHS07	H317
Polymeric Benzotriazole	104810-48-2	1.0-2.5	GHS07	H317
Polymeric Benzotriazole	104810-47-1	1.0-2.5	GHS07	H317
Polyglycol	PROPRIETARY	<0.1	Not Available	Not Available
Siloxane	PROPRIETARY	<0.1	Not Available	Not Available

4. First-Aid Measures

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

FIRST AID - SKIN CONTACT: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

FIRST AID - INGESTION: Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention. If swallowed, get medical attention.

5. Fire-Fighting Measures

EXTINGUISHING MEDIA: Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: No unusual fire or explosion hazards noted. Closed containers may explode when exposed to extreme heat due to buildup of steam. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame.

SPECIAL FIREFIGHTING PROCEDURES: Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Evacuate area and fight fire from a safe distance. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

Special Fire and Explosion Hazard (Combustible Dust): No Information

6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Ventilate area, isolate spilled material, and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations.

7. Handling and Storage

HANDLING: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS and label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

STORAGE: Product should be stored in tightly sealed containers and protected from heat, moisture, and foreign materials. Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Keep away from heat, sparks, flame and sources of ignition. Avoid excess heat. Do not store above 120 ° F. Store large quantities in buildings designed and protected for storage of NFPA Class II combustible liquids.

Advice on Safe Handling of Combustible Dust: No Information

8. Exposure Controls / Personal Protection

Chemical Name	CAS-No.	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV- STEL	OSHA PEL-TWA	OSHA PEL- CEILING
1-Chloro-4-(Trifluoromethyl) Benzene	98-56-6	50.0	2.5 mg/m3	N.E.	2.5 mg/m3	N.E.
Acetone	67-64-1	10.0	250 ppm	500 ppm	1000 ppm	N.E.
bis(1,2,2,6,6-Pentamethyl-4- Piperidiny) Sebacate	41556-26-7	5.0	N.E.	N.E.	N.E.	N.E.
Polymeric Benzotriazole	104810-48-2	5.0	N.E.	N.E.	N.E.	N.E.
Polymeric Benzotriazole	104810-47-1	5.0	N.E.	N.E.	N.E.	N.E.
Polyglycol	PROPRIETARY	0.1	N.E.	N.E.	N.E.	N.E.
Siloxane	PROPRIETARY	0.1	N.E.	N.E.	N.E.	N.E.

PERSONAL PROTECTION

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or in any other circumstances where air purifying respirators may not provide adequate protection.

SKIN PROTECTION: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

Engineering Measures for Combustible Dust: No Information

9. Physical and Chemical Properties

Appearance:	Liquid	Physical State:	Liquid
Odor:	Solvent Like	Odor Threshold:	N.E.
Relative Density:	1.174	pH:	N.A.
Freeze Point, °C:	N.D.	Viscosity:	N.D.
Solubility in Water:	Slight	Partition Coefficient, n-octanol/ water:	N.D.
Decomposition Temp., °C:	N.D.	Explosive Limits, vol%:	0.9 - 13.0
Boiling Range, °C:	56 - 300	Flash Point, °C:	10
Flammability:	Supports Combustion	Auto-ignition Temp., °C:	N.D.
Evaporation Rate:	Slower than Ether	Vapor Pressure:	N.D.
Vapor Density:	Heavier than Air		

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

CONDITIONS TO AVOID: Avoid temperatures above 120°F (49°C). Avoid all possible sources of ignition.

INCOMPATIBILITY: Incompatible with strong oxidizing agents, strong acids and strong alkalis.

HAZARDOUS DECOMPOSITION: By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents which may form carbon monoxide, carbon dioxide, and formaldehyde.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

11. Toxicological Information

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Causes Serious Eye Irritation

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. Causes skin irritation. Allergic reactions are possible.

EFFECTS OF OVEREXPOSURE - INHALATION: Harmful if inhaled. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation.

EFFECTS OF OVEREXPOSURE - INGESTION: Harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis, and blurred vision) and/or damage. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
98-56-6	1-Chloro-4-(Trifluoromethyl)Benzene	13000 mg/kg Rat	>2684 mg/kg Rabbit	N.E.
67-64-1	Acetone	5800 mg/kg Rat	>15700 mg/kg Rabbit	50.1 mg/L Rat
41556-26-7	bis(1,2,2,6,6-Pentamethyl-4-Piperidiny) Sebacate	2615 mg/kg Rat	N.E.	N.E.

N.E. - Not Established

12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components.

13. Disposal Information

DISPOSAL INFORMATION: Do not incinerate closed containers. Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.

14. Transport Information

	<u>Domestic (USDOT)</u>	<u>International (IMDG)</u>	<u>Air (IATA)</u>	<u>TDG (Canada)</u>
UN Number:	N.A.	1263	1263	N.A.
Proper Shipping Name:	Paint Products in Limited Quantities	Paint	Paint	Paint Products in Limited Quantities
Hazard Class:	N.A.	3	3	N.A.
Packing Group:	N.A.	II	II	N.A.
Limited Quantity:	Yes	Yes	No	Yes

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Flammable (gases, aerosols, liquids, or solids), Acute Toxicity (any route of exposure), Skin Corrosion or Irritation, Respiratory or Skin Sensitization, Serious eye damage or eye irritation, Specific target organ toxicity (single or repeated exposure)

Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

<u>Chemical Name</u>	<u>CAS-No.</u>
1-Chloro-4-(Trifluoromethyl)Benzene	98-56-6

U.S. State Regulations:

California Proposition 65:

WARNING: No Prop. 65 warning is required.

16. Other Information**HMIS RATINGS**

Health: 2* **Flammability:** 3 **Physical Hazard:** 0 **Personal Protection:** X

NFPA RATINGS

Health: 2 **Flammability:** 3 **Instability:** 0

Volatile Organic Compounds: 0 g/L

SDS REVISION DATE: 1/23/2019

REASON FOR REVISION: Substance and/or Product Properties Changed in Section(s):
03 - Composition/Information on Ingredients
08 - Exposure Controls/Personal Protection
09 - Physical & Chemical Properties
15 - Regulatory Information
Substance Hazard Threshold % Changed
Revision Statement(s) Changed

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The manufacturer believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. The manufacturer makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.

Safety Data Sheet



1. Identification

Product Name:	CLFST 32OZ EX ACTIVATOR	Revision Date:	3/15/2022
Product Identifier:	CFEXU1000032	Supersedes Date:	10/3/2017
Recommended Use:	Activator/Urethane		
Supplier:	Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA	Manufacturer:	Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA
	Rust-Oleum Canada (ROCA) 200 Confederation Parkway Concord, ON L4K 4T8 Canada Emergency Phone: 800-387-3625		
Preparer:	Regulatory Department		
Emergency Telephone:	24 Hour Hotline: 847-367-7700		

2. Hazards Identification

Classification

Symbol(s) of Product



Signal Word

Danger

GHS HAZARD STATEMENTS

Acute Toxicity, Inhalation, category 4	H332	Harmful if inhaled.
Eye Irritation, category 2A	H319	Causes serious eye irritation.
Flammable Liquid, category 2	H225	Highly flammable liquid and vapor.
STOT, Single Exposure, category 3, NE	H336	May cause drowsiness or dizziness.
STOT, Single Exposure, category 3, RTI	H335	May cause respiratory irritation.
Skin Irritation, category 2	H315	Causes skin irritation.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.

GHS LABEL PRECAUTIONARY STATEMENTS

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. NO SMOKING.
P223	Do not allow contact with water.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.

Not Yet Specified

P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P285	In case of inadequate ventilation wear respiratory protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P321	For specific treatment see label.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
P362+P364	Take off contaminated clothing and wash it before reuse.
P370+P378	In case of fire: Use alcohol film forming foam, carbon dioxide, dry chemical, dry sand to extinguish.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local, regional and national regulations.

GHS SDS PRECAUTIONARY STATEMENTS

P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P363	Wash contaminated clothing before reuse.

3. Composition / Information on Ingredients**HAZARDOUS SUBSTANCES**

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt.%</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
Hexamethylene diisocyanate homopolymer	28182-81-2	57	GHS07-GHS08	H317-332-334-335
1-Chloro-4-(Trifluoromethyl)Benzene	98-56-6	22	GHS07	H315-319-332-335
Acetone	67-64-1	22	GHS02-GHS07	H225-319-332-336
Hexamethylene Diisocyanate	822-06-0	0.1	GHS06-GHS07-GHS08	H302-315-317-319-330-334-335

4. First-Aid Measures

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

FIRST AID - SKIN CONTACT: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

FIRST AID - INGESTION: Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention. If swallowed, get medical attention.

5. Fire-Fighting Measures

EXTINGUISHING MEDIA: Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: FLASH POINT IS LESS THAN -7°C (20°F). EXTREMELY FLAMMABLE LIQUID AND VAPOR! Water spray may be ineffective. Closed containers may explode when exposed to extreme heat due to buildup of steam. Closed containers may explode when exposed to extreme heat. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Isolate from heat, electrical equipment, sparks and open flame. Perforation of the pressurized container may cause bursting of the can.

SPECIAL FIREFIGHTING PROCEDURES: Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Full protective equipment including self-contained breathing apparatus should be used. Evacuate area and fight fire from a safe distance. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

Special Fire and Explosion Hazard (Combustible Dust): No Information

6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Ventilate area, isolate spilled material, and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations.

7. Handling and Storage

HANDLING: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS and label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

STORAGE: Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Do not store above 120°F (49°C). Store large quantities in buildings designed and protected for storage of NFPA Class II combustible liquids. Keep away from heat, sparks, flame and sources of ignition. Avoid excess heat. Product should be stored in tightly sealed containers and protected from heat, moisture, and foreign materials.

Advice on Safe Handling of Combustible Dust: No Information

8. Exposure Controls / Personal Protection

Chemical Name	CAS-No.	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV- STEL	OSHA PEL-TWA	OSHA PEL- CEILING
Hexamethylene diisocyanate homopolymer	28182-81-2	60.0	N.E.	N.E.	N.E.	N.E.
1-Chloro-4-(Trifluoromethyl) Benzene	98-56-6	25.0	2.5 mg/m3	N.E.	2.5 mg/m3	N.E.
Acetone	67-64-1	25.0	250 ppm	500 ppm	1000 ppm	N.E.
Hexamethylene Diisocyanate	822-06-0	1.0	0.005 ppm	N.E.	N.E.	N.E.

PERSONAL PROTECTION

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment. Provide general dilution of local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients below acceptable limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

SKIN PROTECTION: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

Engineering Measures for Combustible Dust: No Information

9. Physical and Chemical Properties

Appearance:	Liquid	Physical State:	Liquid
Odor:	Solvent Like	Odor Threshold:	N.E.
Specific Gravity:	1.086	pH:	N.A.
Freeze Point, °C:	N.D.	Viscosity:	N.D.
Solubility in Water:	Slight	Partition Coefficient, n-octanol/ water:	N.D.
Decomposition Temp., °C:	N.D.	Explosive Limits, vol%:	0.9 - 13.0
Boiling Range, °C:	56 - 355	Flash Point, °C:	-20
Flammability:	Supports Combustion	Auto-Ignition Temp., °C:	N.D.
Evaporation Rate:	Slower than Ether	Vapor Pressure:	N.D.
Vapor Density:	Heavier than Air		

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

Conditions to Avoid: Avoid temperatures above 120°F (49°C). Avoid all possible sources of ignition.

Incompatibility: Incompatible with strong oxidizing agents, strong acids and strong alkalis.

Hazardous Decomposition: By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents which may form carbon monoxide, carbon dioxide, and formaldehyde.

Hazardous Polymerization: Will not occur under normal conditions.

Stability: This product is stable under normal storage conditions.

11. Toxicological Information

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Causes Serious Eye Irritation

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: May cause skin irritation. Allergic reactions are possible. Causes skin irritation. Allergic reactions are possible. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material.

EFFECTS OF OVEREXPOSURE - INHALATION: Harmful if inhaled. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation. May cause allergic respiratory reaction.

EFFECTS OF OVEREXPOSURE - INGESTION: Harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Overexposure may cause lung damage. May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage. High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis, and blurred vision) and/or damage. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
28182-81-2	Hexamethylene diisocyanate homopolymer	N.E.	>2000 mg/kg Rat	18.5 mg/L Rat
98-56-6	1-Chloro-4-(Trifluoromethyl)Benzene	13000 mg/kg Rat	>3300 mg/kg Rabbit	33 mg/L Rat
67-64-1	Acetone	5800 mg/kg Rat	>15700 mg/kg Rabbit	50.1 mg/L Rat
822-06-0	Hexamethylene Diisocyanate	738 mg/kg Rat	>7000 mg/kg Rat	0.06 mg/L Rat

N.E. - Not Established

12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components.

13. Disposal Information

DISPOSAL INFORMATION: Do not incinerate closed containers. Dispose of material in accordance to local, state, and federal regulations and ordinances.

14. Transport Information

	<u>Domestic (USDOT)</u>	<u>International (IMDG)</u>	<u>Air (IATA)</u>	<u>TDG (Canada)</u>
UN Number:	N.A.	1263	1263	N.A.
Proper Shipping Name:	Paint Products in Limited Quantities	Paint	Paint	Paint Products in Limited Quantities
Hazard Class:	N.A.	3	3	N.A.
Packing Group:	N.A.	II	II	N.A.
Limited Quantity:	Yes	Yes	No	Yes

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Flammable (gases, aerosols, liquids, or solids), Acute Toxicity (any route of exposure), Skin Corrosion or Irritation, Respiratory or Skin Sensitization, Serious eye damage or eye irritation, Specific target organ toxicity (single or repeated exposure)

SARA Section 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>
Hexamethylene Diisocyanate	822-06-0

Toxic Substances Control Act

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

<u>Chemical Name</u>	<u>CAS-No.</u>
1-Chloro-4-(Trifluoromethyl)Benzene	98-56-6

U.S. State Regulations:

California Proposition 65

WARNING: Cancer - www.P65Warnings.ca.gov.

16. Other Information**HMIS RATINGS**

Health: 2* **Flammability:** 3 **Physical Hazard:** 0 **Personal Protection:** X

NFPA RATINGS

Health: 2 **Flammability:** 3 **Instability:** 0

Volatile Organic Compounds: 0 g/L

SDS REVISION DATE: 3/15/2022

REASON FOR REVISION:

Revision Description Changed
Product Composition Changed
Substance and/or Product Properties Changed in
Section(s):
01 - Identification
05 - Fire-Fighting Measures
09 - Physical & Chemical Properties
15 - Regulatory Information
16 - Other Information
Revision Statement(s) Changed

Legend: N.A. - Not Applicable, N.D. - Not Determined, N.E. - Not Established

The manufacturer believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. The manufacturer makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.



RUST-OLEUM® LOW VOC PORCH & FLOOR COATING

DESCRIPTION AND USES

Rust-Oleum® Low VOC Porch & Floor Coating provides a protective, decorative finish on interior or exterior wood and concrete surfaces. The urethane-fortified acrylic formula is engineered for color retention and adhesion, and resists scuffing, staining, cracking, and peeling. The durable, UV, weather & mildew resistant finish is easy to maintain, provides excellent coverage over new or previously coated surfaces, and can be easily cleaned up with soap and water. For use on porches, patios, basements, walkways, stairs, and railings.

Note: Not for use on garage floors or driveways.

PRODUCTS

SKU	DESCRIPTION (Gallon)
262363	Tint Base Satin
262360	White Pastel Tint Base Satin
320417	Dove Gray Satin
320418	Pewter Satin
262361	Tint Base Semi Gloss
262289	White Pastel Tint Base Semi Gloss
320419	Dove Gray Semi Gloss
320420	Pewter Semi Gloss
320471	Tint Base Gloss
320472	White Pastel Tint Base Gloss
320473	Dove Gray Gloss
320474	Pewter Gloss
262367	Anti Skid Tint Base Satin
262366	Anti Skid White Pastel Tint Base Satin
262365	Anti Skid Dove Gray Satin
320475	Anti Skid Pewter Satin

PRODUCT APPLICATION

READ ALL INSTRUCTIONS CAREFULLY BEFORE STARTING PROJECT

SURFACE PREPARATION

Whether over bare or previously coated wood or concrete, proper surface preparation is critical to performance:

1. Before coating, use a wire brush or sander to remove any loose or unsound surface areas. For maximum adhesion, strip or scrape/sand any unsound paint.
2. Thoroughly clean to remove ground-in dirt, mildew, mold and algae stains, and any other surface contaminants with an appropriate heavy-duty cleaner/degreaser (sold separately).
3. Rinse thoroughly with fresh water and allow to dry before coating.

PRODUCT APPLICATION (cont.)

SURFACE PREPARATION (cont.)

UNCOATED, NEW WOOD

Use on all species of pressure-treated lumber, Pine, Fir, Hemfir, Cypress, Cedar, Redwood, Poplar, Hickory and other North American hardwoods. Ideal for weathered wood where hiding signs of aging is desired. New wood should age for a minimum of 6 months before applying Rust-Oleum Porch & Floor.

After cleaning, conduct a Splash Test to ensure the surface is ready to be coated. Sprinkle several handfuls of water on multiple areas of the surface. If the water absorbs rapidly, the surface is ready to be coated. If the water beads, puddles or is not absorbed, an internal or external barrier exists and must be eliminated (strip/sand) before painting can begin.

CONCRETE

Note: Allow newly poured concrete to cure for a minimum of 28 days prior to coating.

Bare Concrete: After cleaning/degreasing, for proper penetration and maximum adhesion, use Rust-Oleum Clean & Etch or Concrete Etch (sold separately). Follow label instructions carefully and allow the floor to dry completely. Wipe your fingers over the clean, dry surface. If you see any dust or powder on your fingers, repeat rinsing and scrubbing until the floor is clean.

Previously Coated Concrete: Remove any loose or peeling paint, stain or sealer by wire brush or other suitable method. To ensure proper adhesion, scuff sand the entire surface. Wash the entire floor with Rust-Oleum Cleaner & Degreaser and scrub the surface using a stiff bristle brush or broom. Spot etch all exposed concrete surfaces using Rust-Oleum Clean & Etch or Concrete Etch. Rinse thoroughly and allow to dry completely.

Note: Not recommended on Asphalt

WARNING! If you scrape, sand or remove old paint from any surface, you may release lead paint dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE; ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

• TRUSTED QUALITY SINCE 1921 •

RUST-OLEUM®**RUST-OLEUM®**
LOW VOC PORCH & FLOOR COATING**PRODUCT APPLICATION (cont.)****APPLICATION**

Rust-Oleum Porch & Floor Coating is ready to use. Do not thin. Apply only when air, material, and surface temperatures are between 50-90°F (10-32°C) and the relative humidity is below 85%. Do not apply outdoors if rain is expected within 24 hours. This product is self priming. For the most durable finish apply two coats at the recommended coverage rate. First coat will dry to touch in 1-2 hours. Allow a minimum 4-6 hours dry time before re-coating. Apply with a high quality nylon/polyester bristle brush, short nap paint/stain pad or roller or an airless sprayer (do not use a pump sprayer). Brushing is the preferred method, especially for rough sawn wood. When rolling or spraying, make sure to back-brush along the grain. This will eliminate any drips, runs, uneven coverage or surface puddles. To minimize lap marks maintain a wet edge. If using more than one gallon, intermix all cans of the same product to ensure color uniformity.

Note: Painted floors may be slippery when wet. If desired, an anti-skid additive (sold separately) may be added to the mixed coating.

PRODUCT APPLICATION (cont.)**COVERAGE**

Each gallon covers approximately 300 to 400 square feet of previously painted or smooth, bare surfaces, per coat. Coverage on rough or porous surfaces is approximately 200 to 300 square feet per gallon, per coat. For best appearance, apply two coats.

DRY TIME

Because temperatures and humidity fluctuate, allow a minimum 24 hours to dry before light foot traffic and 72 hours before returning furniture to deck/porch floor. Avoid dragging furniture across surface. On newly coated surfaces, allow 7 days cure before washing.

CLEAN UP

Wash tools and equipment with warm water and a mild detergent immediately after use. To remove dried product use lacquer thinner. Clean up over-spray, drips or spatters with water IMMEDIATELY, as dried paint is very difficult to remove. Properly dispose of all soiled rags and protect unused product from freezing.



RUST-OLEUM®
LOW VOC PORCH & FLOOR COATING

PHYSICAL PROPERTIES

		LOW VOC PORCH & FLOOR COATING
Resin Type		Urethane Modified Acrylic
Pigment Type		Varies by color
Solvents		Water, Glycol Ether
Weight	Per Gallon	8.60-10.76 lbs.
	Per Liter	1.03-1.29 kg
Solids	By Weight	35.9-52.3%
	By Volume	30-40%
Volatile Organic Compounds		<50 g/l
Recommended Dry Film Thickness (DFT) per Coat		1.5-2.5 mils
Wet Film to Achieve DFT (Unthinned material)		4-8 mils
Practical Coverage at Recommended DFT (assume 15% material loss)		165-365 sq.ft./gal.
Dry Times at 77°F (25°C) and 50% Relative Humidity	Touch	1-2 hours
	Recoat	2-6 hours
	Full Cure	72 hours
Shelf Life		3 years
Flash Point		>200°F (93°C)
Safety Information		For additional information, see SDS

Calculated values are shown and may vary from the actual manufactured material.

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.

Safety Data Sheet



1. Identification

Product Name:	R-O 1-GL 2PK PF LOWVOC ANTSKD WHT TNT BS	Revision Date:	1/10/2024
Product Identifier:	262366	Supersedes Date:	3/28/2019
Recommended Use:	Floor Coatings		
Supplier:	Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA	Manufacturer:	Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA
Preparer:	Regulatory Department		
Emergency Telephone:	24 Hour Hotline: 847-367-7700		

2. Hazards Identification

Classification

Symbol(s) of Product

No symbol is required per 2012 OSHA Hazard Communication Standard 29 CFR 1910.1200.

Signal Word

No Signal Word has been assigned.

Possible Hazards

17% of the mixture consists of ingredient(s) of unknown acute toxicity.

3. Composition / Information on Ingredients

HAZARDOUS SUBSTANCES

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt.% Range</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
Titanium Dioxide	13463-67-7	10-25	Not Available	Not Available
n'-(3,4-Dichlorophenyl)-n,n-Dimethylurea	330-54-1	<0.1	GHS08	H351-373
3-Iodo-2-Propynyl Butyl Carbamate	55406-53-6	<0.1	GHS05-GHS06-GHS07-GHS08	H302-317-318-331-372
2-N-Octyl-4-Isothiazolin-3-One	26530-20-1	<0.1	GHS05-GHS06-GHS07	H302-311-314-317-330

4. First-Aid Measures

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed. Remove contact lenses, if present and easy to do. Continue rinsing.

FIRST AID - SKIN CONTACT: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

FIRST AID - INGESTION: Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention. If swallowed, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cupfuls of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively.

5. Fire-Fighting Measures

EXTINGUISHING MEDIA: Aqueous Film Forming Foam, Carbon Dioxide, Dry Chemical, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep containers tightly closed. FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F. No unusual fire or explosion hazards noted.

SPECIAL FIREFIGHTING PROCEDURES: Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred.

Special Fire and Explosion Hazard (Combustible Dust): Not a combustible dust.

6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers

7. Handling and Storage

HANDLING: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS and label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing. Avoid contact with eyes.

STORAGE: Keep from freezing. Store in a dry, well ventilated place. Keep container tightly closed when not in use.

Advice on Safe Handling of Combustible Dust: No Information

8. Exposure Controls / Personal Protection

Chemical Name	CAS-No.	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV- STEL	OSHA PEL-TWA	OSHA PEL- CEILING
Titanium Dioxide	13463-67-7	20.0	0.2 mg/m ³	N.E.	15 mg/m ³	N.E.
n'-(3,4-Dichlorophenyl)-n,n-Dimethylurea	330-54-1	0.1	10 mg/m ³	N.E.	N.E.	N.E.
3-Iodo-2-Propynyl Butyl Carbamate	55406-53-6	0.1	N.E.	N.E.	N.E.	N.E.
2-N-Octyl-4-Isothiazolin-3-One	26530-20-1	0.1	N.E.	N.E.	N.E.	N.E.

PERSONAL PROTECTION

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

SKIN PROTECTION: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications. Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.

HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

Engineering Measures for Combustible Dust: No Information

9. Physical and Chemical Properties

Appearance:	Liquid	Physical State:	Liquid
Odor:	Solvent Like	Odor Threshold:	N.E.
Specific Gravity:	1.275	pH:	Not Determined
Freeze Point, °C:	N.D.	Viscosity:	N.D.
Solubility in Water:	Miscible	Partition Coefficient, n-octanol/ water:	N.D.
Decomposition Temp., °C:	N.D.	Explosive Limits, vol%:	N.A. - N.A.
Boiling Range, °C:	100 - 537	Flash Point, °C:	100
Flammability:	Does not Support Combustion	Auto-Ignition Temp., °C:	N.D.
Evaporation Rate:	Slower than Ether	Vapor Pressure:	N.D.
Vapor Density:	Heavier than Air		

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

Conditions to Avoid: Avoid contact with strong acid and strong bases. Avoid excess heat.

Incompatibility: Incompatible with strong oxidizing agents, strong acids and strong alkalis.

Hazardous Decomposition: By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes.

Hazardous Polymerization: Will not occur under normal conditions.

Stability: This product is stable under normal storage conditions.

11. Toxicological Information

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Causes eye irritation. Irritating, and may injure eye tissue if not removed promptly.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Substance may cause slight skin irritation. Low hazard for usual industrial handling or commercial handling by trained personnel.

EFFECTS OF OVEREXPOSURE - INHALATION: High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. Low hazard for usual industrial handling or commercial handling by trained personnel.

EFFECTS OF OVEREXPOSURE - INGESTION: Substance may be harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Contains Titanium Dioxide. Titanium Dioxide is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC. No significant exposure to Titanium Dioxide is thought to occur during the use of products in which Titanium Dioxide is bound to other materials, such as in paints during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of Titanium Dioxide in the formula. (Ref: IARC Monograph, Vol. 93, 2010)

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
13463-67-7	Titanium Dioxide	>10000 mg/kg Rat	6000	N.E.
330-54-1	n'-(3,4-Dichlorophenyl)-n,n-Dimethylurea	4990 mg/kg Rat	>2000 mg/kg Rat	N.E.
55406-53-6	3-Iodo-2-Propynyl Butyl Carbamate	1470 mg/kg Rat	>2000 mg/kg Rat	N.E.
26530-20-1	2-N-Octyl-4-Isothiazolin-3-One	550 mg/kg Rat	690 mg/kg Rabbit	N.E.

N.E. - Not Established

12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components. No ecotoxicity data was found for this product.

13. Disposal Information

DISPOSAL: Dispose of material in accordance to local, state, and federal regulations and ordinances.

14. Transport Information

	<u>Domestic (USDOT)</u>	<u>International (IMDG)</u>	<u>Air (IATA)</u>	<u>TDG (Canada)</u>
UN Number:	N.A.	N.A.	N.A.	N.A.
Proper Shipping Name:	Not Regulated	Not Regulated	Not Regulated	Not Regulated
Hazard Class:	N.A.	N.A.	N.A.	N.A.
Packing Group:	N.A.	N.A.	N.A.	N.A.
Limited Quantity:	No	No	No	No

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

None Known

SARA Section 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>
n ¹ -(3,4-Dichlorophenyl)-n,n-Dimethylurea	330-54-1
3-Iodo-2-Propynyl Butyl Carbamate	55406-53-6

Toxic Substances Control Act

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

U.S. State Regulations:

California Proposition 65

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

16. Other Information**HMIS RATINGS**

Health: 2* Flammability: 1 Physical Hazard: 0 Personal Protection: X

NFPA RATINGS

Health: 2 Flammability: 1 Instability: 0

Volatile Organic Compounds: 38 g/L

SDS REVISION DATE: 1/10/2024

REASON FOR REVISION: Product Composition Changed
Substance and/or Product Properties Changed in
Section(s):
02 - Hazard Identification
03 - Composition / Information on Ingredients
05 - Fire-Fighting Measures
08 - Exposure Controls / Personal Protection
09 - Physical & Chemical Properties
11 - Toxicological Information
15 - Regulatory Information
16 - Other Information
Substance Hazardous Flag Changed
Substance Hazard Threshold % Changed
Substance Chemical Name Changed
Revision Statement(s) Changed

Legend: N.A. - Not Applicable, N.D. - Not Determined, N.E. - Not Established

Rust-Oleum Corporation believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. Rust-Oleum Corporation makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.