





## **ASBESTOS FLOORING ABATEMENT SCOPE OF WORK**

### **Site Information:**

Emerson MS – Classrooms 13-17 & West Side Ancillary Rooms  
801 4<sup>th</sup> Street, Bakersfield, CA 93304



### **Prepared for:**

Bakersfield City School District  
1300 Baker Street, Bakersfield, CA 93305  
(661) 631-4600

### **Prepared by:**

Kristy Yowell, CAC 09-4500 / CDPH LRC-4640  
YES Environmental, Inc. (YES, Inc.)  
Project Number 26YES-37  
March 2026

This SOW should be printed in color.



1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

## ASBESTOS FLOORING ABATEMENT SCOPE OF WORK

Emerson MS – Flooring Abatement Project in Rooms 13-17 & West Side Ancillary Rooms

### PURPOSE OF PROJECT

In order for Bakersfield City School District (BCSD) to renovate interior Classrooms 13-17 and the West Side Ancillary Rooms, asbestos-containing flooring materials must be abated. In some rooms, the asbestos-containing flooring materials are concealed beneath non-asbestos carpets or 12" floor tile. In addition, the contractor shall remove the non-asbestos baseboards. The associated baseboard adhesives will be removed by others.

Alternate Bid 1 = BCSD is requesting a price to perform flooring and baseboard abatement in classrooms 8-12 following the requirements set forth in this SOW.

The contractor is responsible for field verifying their own measurements for bidding, notification, waste characterization, or any other purpose. This Scope of Work should be used in conjunction with all Federal, State and local codes.

### IMPORTANT DATES

**BASE BID** = Project Start Date – Wednesday, June 3, 2026

**BASE BID** = Abatement Completion Date – Friday, June 12, 2026

**BASE BID** = Clearance Air Sample Collection Date – No later than Saturday, June 13, 2026

**BASE BID** = Clearance Air Sample Results Expected to be Received Date – No later than Monday, June 22, 2026

**BASE BID** = Containment Removal Date – No later than Tuesday, June 23, 2026

**ALTERNATE BID 1** = Project Start Date – Monday, June 15, 2026

**ALTERNATE BID 1** = Abatement Completion Date – Tuesday, June 23, 2026

**ALTERNATE BID 1** = Clearance Air Sample Collection Date – No later than Wednesday, June 24, 2026

**ALTERNATE BID 1** = Clearance Air Sample Results Expected to be Received Date – No later than Thursday, June 25, 2026

**ALTERNATE BID 1** = Containment Removal Date – No later than Friday, June 26, 2026

### WORK PERIOD

The remediation contractor shall have eight (8) business days to complete the work described in the Base Bid abatement portion of this project. Should BCSD accept and award the Alternate Bid 1 work, the contractor shall have an additional seven (7) business days to complete the work described above in the Alternate Bid 1 section. Clearance air samples will be collected the business day following completion of abatement. Removal of containment shall occur the next business day immediately following the receipt of passing clearance air samples.

### DEFINITIONS

**Asbestos-Containing:** material containing any detectable amount of asbestos. Acronym ACM.

**Abatement Activities:** precleaning of jobsite, setup of containment/regulated area, removal or disturbance of asbestos-containing materials and final cleaning inside containment/regulated area in preparation for post abatement clearance air sampling or completion of work visual.

**Contractor:** remediation contractor, abatement contractor or any trade qualified to conduct the work described in this Scope of Work.

**Consultant:** YES Environmental, Inc. representative.



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Client: Bakersfield City School District

YES Project No.: 25YES-01

Site: Emerson MS

Date of Inspection: 1/11/2025

## Inspection Report

|  |   |                           |
|--|---|---------------------------|
| <b>Building:</b> Building D  | <b>Room Name:</b> Academic Coach Office | <b>Rm Ft<sup>2</sup>:</b> |
| <b>Room Dimensions:</b> L=                  W=                  H=12 |   |                           |

| Component   | HMR # | Sample # | Material Description   | Substrate        | Asbestos Y/N | Friable Y/N |
|-------------|-------|----------|--|------------------|--------------|-------------|
| Floor       | 9     |          | Carpet squares & glue tabs - blue/brown/cream multi  | ACM black mastic | N            | n/a         |
| Floor       | 7     |          | Carpet & glue - grey/white   | ACM black mastic | N            | n/a         |
|             |       | NOTE     | Walk-off carpet at south entry only.   |                  |              |             |
| Floor       | 11    |          | Concealed floor tile - cream & black mastic  | Concrete         | Y            | N           |
|             |       | NOTE     | No floor tile exists... only the black mastic. Floor tile=1-2%chrysotile; black mastic=2-5% chrysotile |                  |              |             |
| BB          | 8     |          | Baseboard 4" blue & glue   | Wood             | N            | n/a         |
| Walls       | -     |          | Wood   |                  | n/a          | n/a         |
| Counter Top | -     |          | None   |                  | n/a          | n/a         |

|                             |                                    |
|-----------------------------|------------------------------------|
| <b>Building:</b> Building D | <b>Room Name:</b> Girls Student RR |
|-----------------------------|------------------------------------|

| Component   | HMR # | Sample # | Material Description | Substrate | Y/N | Y/N |
|---|-------|----------|----------------------|-----------|-----|-----|
| Rooms with ceramic floor tile area not included in this inspection. |       |          |                      |           |     |     |

RED=contains asbestos or assumed  
 BLACK=no asbestos detected or non-suspect

Friable condition=assessed at the time of inspection  
 Subject to change at any time



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|                  |              |                 |                             |                  |            |                           |     |
|------------------|--------------|-----------------|-----------------------------|------------------|------------|---------------------------|-----|
| <b>Building:</b> | Building D   |                 | <b>Room Name:</b>           | South Ball Room  |            | <b>Rm Ft<sup>2</sup>:</b> | 120 |
|                  |              |                 | <b>Room Dimensions:</b>     | L=12             | W=10       | H=12                      |     |
| <b>Component</b> | <b>HMR #</b> | <b>Sample #</b> | <b>Material Description</b> | <b>Substrate</b> | <b>Y/N</b> | <b>Y/N</b>                |     |
| Floor            | -            |                 | Concrete - bare & exposed   |                  | n/a        | n/a                       |     |
| BB               | -            |                 | Concrete - bare & exposed   |                  | n/a        | n/a                       |     |

|  |              |                 |  |                  |            |                           |     |
|--|--------------|-----------------|--|------------------|------------|---------------------------|-----|
| <b>Building:</b>                       | Building D   |                 | <b>Room Name:</b>                                      | ELP              |            | <b>Rm Ft<sup>2</sup>:</b> | 264 |
| Door is on the north side of building. |              |                 | <b>Room Dimensions:</b>                                | L=22             | W=12       | H=12                      |     |
| <b>Component</b>                       | <b>HMR #</b> | <b>Sample #</b> | <b>Material Description</b>                            | <b>Substrate</b> | <b>Y/N</b> | <b>Y/N</b>                |     |
| Floor                                  | 14           | 14A             | Floor tile 9" cream w/grey specks & black mastic       | Concrete         | Y          | N                         |     |
|  | NOTE         |                 | Floor tile=3% chrysotile; black mastic=2-5% chrysotile |                  |            |                           |     |
| BB                                     | -            |                 | Wood   | Wood             | n/a        | n/a                       |     |
| Counter Top                            | -            |                 | None   |                  | n/a        | n/a                       |     |
| Walls                                  | -            |                 | Wood   |                  | n/a        | n/a                       |     |

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|                  |            |                         |                |                           |     |
|------------------|------------|-------------------------|----------------|---------------------------|-----|
| <b>Building:</b> | Building D | <b>Room Name:</b>       | Classroom 13   | <b>Rm Ft<sup>2</sup>:</b> | 960 |
|                  |            | <b>Room Dimensions:</b> | L=32 W=30 H=12 |                           |     |

| Component   | HMR # | Sample # | Material Description                                    | Substrate       | Asbestos Y/N | Friable Y/N |
|-------------|-------|----------|---|-----------------|--------------|-------------|
| Floor       | 13    | 13B      | Floor tile 12" blue oatmeal & black mastic              | Floor tile # 11 | N            | n/a         |
|             | NOTE  |          | Accent tile only.                                       |                 |              |             |
| Floor       | 10    |          | Floor tile 12" cream w/grey specks & black mastic       | Floor tile #11  | N            | n/a         |
| Floor       | 11    |          | Concealed floor tile - cream & black mastic             | Concrete        | Y            | N           |
|             | NOTE  |          | Floor tile=1-2%chrysotile; black mastic=2-5% chrysotile |                 |              |             |
| BB          | 12    |          | Baseboard 4" grey & glue                                | Wood            | N            | n/a         |
| Counter Top | -     |          | Formica   |                 | n/a          | n/a         |
| Walls       | -     |          | Wood  |                 | n/a          | n/a         |

|                  |            |                         |                |                           |     |
|------------------|------------|-------------------------|----------------|---------------------------|-----|
| <b>Building:</b> | Building D | <b>Room Name:</b>       | Classroom 14   | <b>Rm Ft<sup>2</sup>:</b> | 960 |
|                  |            | <b>Room Dimensions:</b> | L=32 W=30 H=12 |                           |     |

| Component   | HMR # | Sample # | Material Description                                    | Substrate       | Asbestos Y/N | Friable Y/N |
|-------------|-------|----------|---|-----------------|--------------|-------------|
| Floor       | 13    |          | Floor tile 12" blue oatmeal & black mastic              | Floor tile # 11 | N            | n/a         |
|             | NOTE  |          | Accent tile only.                                       |                 |              |             |
| Floor       | 10    | 10E      | Floor tile 12" cream w/grey specks & black mastic       | Floor tile #11  | N            | n/a         |
| Floor       | 11    | 11E      | Concealed floor tile - cream & black mastic             | Concrete        | Y            | N           |
|             | NOTE  |          | Floor tile=1-2%chrysotile; black mastic=2-5% chrysotile |                 |              |             |
| BB          | 12    |          | Baseboard 4" grey & glue                                | Wood            | N            | n/a         |
| Counter Top | -     |          | Formica   |                 | n/a          | n/a         |
| Walls       | -     |          | Wood  |                 | n/a          | n/a         |

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| Building:   |       | Building D |   | Room Name:       |          | Classroom 15 |         | Rm Ft <sup>2</sup> : |  | 990 |  |  |
|-------------|-------|------------|---|------------------|----------|--------------|---------|----------------------|--|-----|--|--|
|             |       |            |   | Room Dimensions: |          | L=33         | W=30    | H=12                 |  |     |  |  |
| Component   | HMR # | Sample #   | Material Description                                    | Substrate        | Asbestos | Y/N          | Friable | Y/N                  |  |     |  |  |
| Floor       | 13    |            | Floor tile 12" blue oatmeal & black mastic              | Floor tile # 11  | N        |              | n/a     |                      |  |     |  |  |
|             | NOTE  |            | Accent tile only.                                       |                  |          |              |         |                      |  |     |  |  |
| Floor       | 10    |            | Floor tile 12" cream w/grey specks & black mastic       | Floor tile #11   | N        |              | n/a     |                      |  |     |  |  |
| Floor       | 11    |            | Concealed floor tile - cream & black mastic             | Concrete         | Y        |              | N       |                      |  |     |  |  |
|             | NOTE  |            | Floor tile=1-2%chrysotile; black mastic=2-5% chrysotile |                  |          |              |         |                      |  |     |  |  |
| BB          | 12    | 12C        | Baseboard 4" grey & glue                                | Wood             | N        |              | n/a     |                      |  |     |  |  |
| Counter Top | -     |            | Formica   |                  | n/a      |              | n/a     |                      |  |     |  |  |
| Walls       | -     |            | Wood  |                  | n/a      |              | n/a     |                      |  |     |  |  |

| Building:   |       | Building D |   | Room Name:       |          | Classroom 16 |         | Rm Ft <sup>2</sup> : |  | 990 |  |  |
|-------------|-------|------------|---|------------------|----------|--------------|---------|----------------------|--|-----|--|--|
|             |       |            |   | Room Dimensions: |          | L=33         | W=30    | H=12                 |  |     |  |  |
| Component   | HMR # | Sample #   | Material Description                                    | Substrate        | Asbestos | Y/N          | Friable | Y/N                  |  |     |  |  |
| Floor       | 13    |            | Floor tile 12" blue oatmeal & black mastic              | Floor tile # 11  | N        |              | n/a     |                      |  |     |  |  |
|             | NOTE  |            | Accent tile only.                                       |                  |          |              |         |                      |  |     |  |  |
| Floor       | 10    | 10F        | Floor tile 12" cream w/grey specks & black mastic       | Floor tile #11   | N        |              | n/a     |                      |  |     |  |  |
| Floor       | 11    | 11F        | Concealed floor tile - cream & black mastic             | Concrete         | Y        |              | N       |                      |  |     |  |  |
|             | NOTE  |            | Floor tile=1-2%chrysotile; black mastic=2-5% chrysotile |                  |          |              |         |                      |  |     |  |  |
| BB          | 12    |            | Baseboard 4" grey & glue                                | Wood             | N        |              | n/a     |                      |  |     |  |  |
| Counter Top | -     |            | Formica   |                  | n/a      |              | n/a     |                      |  |     |  |  |
| Walls       | -     |            | Wood  |                  | n/a      |              | n/a     |                      |  |     |  |  |

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|                  |            |                         |                |                           |     |
|------------------|------------|-------------------------|----------------|---------------------------|-----|
| <b>Building:</b> | Building D | <b>Room Name:</b>       | Classroom 17   | <b>Rm Ft<sup>2</sup>:</b> | 990 |
|                  |            | <b>Room Dimensions:</b> | L=33 W=30 H=12 |                           |     |

| Component   | HMR # | Sample # | Material Description                                    | Substrate       | Asbestos Friable |     |
|-------------|-------|----------|---|-----------------|------------------|-----|
|             |       |          |   |                 | Y/N              | Y/N |
| Floor       | 13    |          | Floor tile 12" blue oatmeal & black mastic              | Floor tile # 11 | N                | n/a |
|             | NOTE  |          | Accent tile only.                                       |                 |                  |     |
| Floor       | 10    |          | Floor tile 12" cream w/grey specks & black mastic       | Floor tile #11  | N                | n/a |
| Floor       | 11    |          | Concealed floor tile - cream & black mastic             | Concrete        | Y                | N   |
|             | NOTE  |          | Floor tile=1-2%chrysotile; black mastic=2-5% chrysotile |                 |                  |     |
| BB          | 12    | 12D      | Baseboard 4" grey & glue                                | Wood            | N                | n/a |
| Counter Top | -     |          | Formica   |                 | n/a              | n/a |
| Walls       | -     |          | Wood  |                 | n/a              | n/a |

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|                  |            |                         |                |                           |     |
|------------------|------------|-------------------------|----------------|---------------------------|-----|
| <b>Building:</b> | Building C | <b>Room Name:</b>       | Classroom 8    | <b>Rm Ft<sup>2</sup>:</b> | 990 |
|                  |            | <b>Room Dimensions:</b> | L=33 W=30 H=12 |                           |     |

| Component   | HMR # | Sample # | Material Description                                    | Substrate              | Asbestos | Friable |
|-------------|-------|----------|---|------------------------|----------|---------|
|             |       |          |   |                        | Y/N      | Y/N     |
| Floor       | 7     |          | Carpet & glue - grey/white                              | Floor tiles #s 10 & 13 | N        | N/A     |
|             | NOTE  |          | Walk-off carpet at south entry only.                    |                        |          |         |
| Floor       | 1     |          | Carpet squares & glue tabs - grey/red/blue              | Floor tiles #s 10 & 13 | N        | N/A     |
| Floor       | 13    |          | Floor tile 12" blue oatmeal & black mastic              | Floor tile # 11        | N        | N/A     |
|             | NOTE  |          | Accent tile only.                                       |                        |          |         |
| Floor       | 10    |          | Floor tile 12" cream w/grey specks & black mastic       | Floor tile #11         | N        | N/A     |
| Floor       | 11    |          | Concealed floor tile - cream & black mastic             | Concrete               | Y        | N       |
|             | NOTE  |          | Floor tile=1-2%chrysotile; black mastic=2-5% chrysotile |                        |          |         |
| BB          | 3     |          | Baseboard 4" black & glue                               | Wood                   | N        | N/A     |
| Counter Top | -     |          | Formica   | Wood                   | N/A      | N/A     |
| Walls       | -     |          | Wood  |                        | N/A      | N/A     |

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|                  |            |                         |                |                           |     |
|------------------|------------|-------------------------|----------------|---------------------------|-----|
| <b>Building:</b> | Building C | <b>Room Name:</b>       | Classroom 9    | <b>Rm Ft<sup>2</sup>:</b> | 990 |
|                  |            | <b>Room Dimensions:</b> | L=33 W=30 H=12 |                           |     |

| Component   | HMR # | Sample # | Material Description                                    | Substrate       | Asbestos Y/N | Friable Y/N |
|-------------|-------|----------|---|-----------------|--------------|-------------|
| Floor       | 13    |          | Floor tile 12" blue oatmeal & black mastic              | Floor tile # 11 | N            | N/A         |
|             | NOTE  |          | Accent tile only.                                       |                 |              |             |
| Floor       | 10    |          | Floor tile 12" cream w/grey specks & black mastic       | Floor tile #11  | N            | N/A         |
| Floor       | 11    |          | Concealed floor tile - cream & black mastic             | Concrete        | Y            | N           |
|             | NOTE  |          | Floor tile=1-2%chrysotile; black mastic=2-5% chrysotile |                 |              |             |
| BB          | 12    | 12A      | Baseboard 4" grey & glue                                | Wood            | N            | N/A         |
| Counter Top | -     |          | Formica   |                 | N/A          | N/A         |
| Walls       | -     |          | Wood  |                 | N/A          | N/A         |

|                  |            |                         |                |                           |     |
|------------------|------------|-------------------------|----------------|---------------------------|-----|
| <b>Building:</b> | Building C | <b>Room Name:</b>       | Classroom 10   | <b>Rm Ft<sup>2</sup>:</b> | 990 |
|                  |            | <b>Room Dimensions:</b> | L=33 W=30 H=12 |                           |     |

| Component   | HMR # | Sample # | Material Description                                    | Substrate       | Asbestos Y/N | Friable Y/N |
|-------------|-------|----------|---|-----------------|--------------|-------------|
| Floor       | 13    |          | Floor tile 12" blue oatmeal & black mastic              | Floor tile # 11 | N            | N/A         |
|             | NOTE  |          | Accent tile only.                                       |                 |              |             |
| Floor       | 10    | 10C      | Floor tile 12" cream w/grey specks & black mastic       | Floor tile #11  | N            | N/A         |
| Floor       | 11    | 11C      | Concealed floor tile - cream & black mastic             | Concrete        | Y            | N           |
|             | NOTE  |          | Floor tile=1-2%chrysotile; black mastic=2-5% chrysotile |                 |              |             |
| BB          | 12    |          | Baseboard 4" grey & glue                                | Wood            | N            | N/A         |
| Counter Top | -     |          | Formica   |                 | N/A          | N/A         |
| Walls       | -     |          | Wood  |                 | N/A          | N/A         |

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|                  |            |                         |                |                           |     |
|------------------|------------|-------------------------|----------------|---------------------------|-----|
| <b>Building:</b> | Building C | <b>Room Name:</b>       | Classroom 11   | <b>Rm Ft<sup>2</sup>:</b> | 990 |
|                  |            | <b>Room Dimensions:</b> | L=33 W=30 H=12 |                           |     |

| Component   | HMR # | Sample # | Material Description                                    | Substrate       | Asbestos<br>Y/N | Friable<br>Y/N |
|-------------|-------|----------|---|-----------------|-----------------|----------------|
| Floor       | 13    | 13A      | Floor tile 12" blue oatmeal & black mastic              | Floor tile # 11 | N               | N/A            |
|             | NOTE  |          | Accent tile only.                                       |                 |                 |                |
| Floor       | 10    |          | Floor tile 12" cream w/grey specks & black mastic       | Floor tile #11  | N               | N/A            |
| Floor       | 11    | 11H      | Concealed floor tile - cream & black mastic             | Concrete        | Y               | N              |
|             | NOTE  |          | Floor tile=1-2%chrysotile; black mastic=2-5% chrysotile |                 |                 |                |
| BB          | 12    | 12B      | Baseboard 4" grey & glue                                | Wood            | N               | N/A            |
| Counter Top | -     |          | Formica   |                 | N/A             | N/A            |
| Walls       | -     |          | Wood  |                 | N/A             | N/A            |

|                  |            |                         |                |                           |     |
|------------------|------------|-------------------------|----------------|---------------------------|-----|
| <b>Building:</b> | Building C | <b>Room Name:</b>       | Classroom 12   | <b>Rm Ft<sup>2</sup>:</b> | 990 |
|                  |            | <b>Room Dimensions:</b> | L=33 W=30 H=12 |                           |     |

| Component   | HMR # | Sample # | Material Description                                    | Substrate       | Asbestos<br>Y/N | Friable<br>Y/N |
|-------------|-------|----------|---|-----------------|-----------------|----------------|
| Floor       | 13    |          | Floor tile 12" blue oatmeal & black mastic              | Floor tile # 11 | N               | N/A            |
|             | NOTE  |          | Accent tile only.                                       |                 |                 |                |
| Floor       | 10    | 10D      | Floor tile 12" cream w/grey specks & black mastic       | Floor tile #11  | N               | N/A            |
| Floor       | 11    | 11D      | Concealed floor tile - cream & black mastic             | Concrete        | Y               | N              |
|             | NOTE  |          | Floor tile=1-2%chrysotile; black mastic=2-5% chrysotile |                 |                 |                |
| BB          | 12    |          | Baseboard 4" grey & glue                                | Wood            | N               | N/A            |
| Counter Top | -     |          | Formica   |                 | N/A             | N/A            |
| Walls       | -     |          | Wood  |                 | N/A             | N/A            |

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**NOTIFICATIONS**

The contractor shall be responsible for the submission of an asbestos notification and renovation permit form to San Joaquin Valley Air Pollution Control District, Cal/OSHA and all other notifications triggered by asbestos removal. Contractor shall pay any associated fee based on measurements and material quantification as determined by the contractor.

**SUPERVISOR & WORKER TRAINING REQUIRED**

Workers and supervisors disturbing asbestos shall have AHERA accredited training as asbestos workers or contractor supervisors.

**PRE-JOB SUBMITTAL REQUIREMENTS**

A hard copy of the contractor's pre-job submittal packet shall be submitted to YES, Inc. and:

1. Include all of the items listed in the attached Submittal Requirements;
2. Be provided to and approved by YES, Inc. prior to the start of work by the contractor.
3. Manifests shall be submitted to the project manager on the first day of the project for review, and also for final approval prior to waste removal from the job site.
4. Double sided copies are not acceptable.
5. Delays in providing the required submittals may affect the start of the project.
6. Electronic submittals will not be accepted.

**OTHER CONSIDERATIONS**

| Item   | District Provided | Contractor Must Provide | Not Applicable / Required |
|--|-------------------|-------------------------|---------------------------|
| Water  | X                 |                         |                           |
| Power  | X                 |                         |                           |
| Removal of Items to be saved   | X                 |                         |                           |
| Removal & Disposal of Items Remaining in Work Area   |                   | X                       |                           |
| Safety & Security of Equipment   |                   | X                       |                           |
| Challenge testing of HEPA filtered equipment to have been performed within 5 calendar days of the start of the project |                   | X                       |                           |

**ALLOWABLE FORMS OF COMMUNICATION**

The contractor shall establish a means of communication between the supervisor and workers inside the containment/regulated area which includes two-way radios or equivalent. At no time will yelling, whistling or banging on containment, walls or on the decontamination chambers be allowed as a form of communication.

**OCCUPANCY**

These buildings will be unoccupied in the areas where abatement is occurring. Other areas on campus, but outside of the abatement containment, may be occupied by staff, students, and other trades conducting work at this site.

**WASTE BIN/CONTAINERS**

All bins/containers brought on-site to deposit waste into must be lockable or securable. Bins shall be secured at the end of every shift. Plywood shall be placed under the wheels of each bin to protect the existing surface. Bins must be double lined with 6-mil poly prior to waste being deposited. Containers must have the appropriate labels affixed on them as soon as any asbestos-contaminated debris is deposited.



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## **ASBESTOS CONTAINMENT/REGULATED AREA SETUP REQUIREMENTS**

Containment setup requirements for all containments/regulated areas:

1. The following west side ancillary room, adjacent to rooms 13-17 shall be set up as a single containment:
  - Academic Coach Office
2. BASE BID = Classrooms 13-17 and the adjacent ELP room shall be set up as a single containment, using an exterior poly tunnel to connect rooms.
3. ALTERNATE BID 1 = Classrooms 8-12 shall be set up as a single containment, using an exterior poly tunnel to connect rooms.
4. At no time shall the contractor secure or brace their exterior tunnel system to the roof of the buildings. Should the contractor cause any damage or penetration to the roofs of these buildings, the cost of repair including labor and supplies will be the responsibility of the contractor.
5. Contractor to remove and discard all thresholds.
6. All poly used on this project shall be a minimum of 6-mil and flame retardant (FR). All critical barriers shall be sealed prior to any installation of poly on the walls or false ceiling with at least one layer of 6-mil FR poly.
7. Contractor shall attach poly walls and ceiling to the tackboards as they are scheduled to be removed and replaced.
8. Contractor shall exhaust the negative air unit exhaust hoses through the uppermost windows of the classrooms. Contractor SHALL NOT exhaust through lower windows.
9. The walls shall be covered with a single-layer of 6-mil FR poly. In addition, a four-foot poly splash guard shall be installed.
10. A false poly ceiling shall be installed using a single-layer of 6-mil FR poly.
11. Contractor shall include a minimum of 16 clear view windows where the consultant approves.
12. All containments shall be built to accommodate the proper opening/closing function of the doors leading to each classroom. This includes ensuring the poly is installed in such a fashion it is not torn during the operation of the doors at the beginning and end of shifts.
13. The containment shall have, at a minimum, a two-stage decontamination chamber setup which meets the following conditions:
  - Must be adjacent to the regulated area/containment for the decontamination of employees and their equipment used inside the regulated area/containment;
  - The chamber farthest away from the regulated area/containment shall be designed for employees to don PPE before entering the regulated area/containment; to don street clothes upon exiting the regulation area/containment; and storage of other necessary items of the employees which cannot enter the regulated area/containment. This chamber shall be built large enough to accommodate all workers donning PPE without being able to be seen by staff, students, or anyone else walking by.
  - The chamber most adjacent to the regulated area/containment shall be designed for the person exiting the regulated area/containment to use clean water, soap, and towels to decontaminate any part of their bodies and PPE such as their respirator.
  - Both chambers shall be of sufficient size to accommodate cleaning of equipment and removing personal protective equipment without the spreading of contamination beyond the area (as determined by visual accumulations).
14. All those entering the containments must sign in on an entry/exit log that documents their entrance and exit times. This record is to also include lunch times and other breaks.
15. The consultant must give final approval for containment setups before abatement commences.
16. As work continues, the contractor shall assure that any additional critical barriers discovered are sealed immediately.
17. The contractor shall continually inspect the containments for deficiencies or breaches. If any are discovered, all abatement activities shall halt immediately until the deficiencies are fixed or repaired satisfactorily. These incidents shall be reported to the on-site consultant immediately.
18. The contractor shall exercise caution to ensure setup of containment does not damage in any way data cabling, electrical conduits, tackboards, smart-boards, etc.



19. If the setup of the containments requires questionable installation, the District and Consultant shall be asked in writing and approval must be given in writing prior to work being performed.
20. The District does not intend to repaint the exteriors of these rooms. Therefore, the contractor shall exercise care during the construction and deconstruction of the containment and decontamination chambers. If products used to set up the containments leave a residue, the contractor shall be responsible for the removal of the residue immediately following receipt of the passing clearance air sampling results.

### **NEGATIVE PRESSURE & HEPA FILTERED EQUIPMENT REQUIREMENTS**

1. Challenge testing is required on equipment using HEPA filters (see Other Considerations above). Units arriving dirty or appearing to be contaminated shall be removed from the project site. Units must be positioned in the standard upright manner in which the manufacturer designed the equipment to operate.
2. The contractor shall ensure that sufficient negative air units are used to create a minimum air pressure differential of -0.030" and recorded on a manometer. Negative air units shall run continuously until clearance has been achieved. All air filtration devices shall remain sealed when not functioning. All units shall discharge to the exterior of the building during abatement activities.
3. At the end of each shift, if containment cannot be secured while exhausting to the exterior of the building, the contractor shall put the negative air units in scrub mode overnight. At the beginning of each shift, the contractor shall re-establish negative pressure in each containment.

### **WORKER PROTECTION**

The contractor shall provide respiratory protection as outlined in current Cal/OSHA regulations. However, at a minimum:

1. During the removal and detail cleaning, workers shall wear a half-face negative-pressure respirator with P-100 (HEPA) cartridges, and dual charcoal/HEPA cartridges shall be utilized during mastic removal.
2. Disposable coveralls and eye protection shall be worn by all workers during all abatement activities, and detail cleaning phases of this project.
3. Should personal air monitoring results not be received the Monday immediately following week after being collected, the asbestos consultant reserves the right to require the workers to don PAPRs until personal air monitoring results are received.

### **ASBESTOS ABATEMENT PROCEDURES**

Abatement procedures for all ACM on this project:

1. The carpet and/or 12" floor tile may only be removed after containment is completed, negative pressure is established and the consultant has given verbal approval for removal to commence.
2. Wet all ACM with an amended water solution using equipment capable of providing a fine spray mist, in order to reduce airborne-fiber concentrations when the material is disturbed.
3. The contractor shall use the following product to remove the asbestos-containing black mastic: CHEMSAFE CLEAR. See attached Safety Data Sheet for product.
4. The ACM must be double bagged in poly bags. An acceptable alternative is disposal of ACM into a single poly bag which is placed into a leak-tight drum for disposal.
5. Bags should be securely sealed to prevent accidental opening and leakage by tying tops of bags in an overhand knot or by taping in gooseneck fashion.
6. Contractor shall generate only as much debris as they can bag and deposit into a waste bin at the end of an 8-hour shift.
7. After completion of all stripping work, surfaces from which asbestos-containing materials have been removed shall be wet-wiped or cleaned by some equivalent method to remove all visible residue. If it is quicker and more cost effective to discard the entire component as ACM, contractor must submit for approval prior to the job commencing to the consultant and building owner.
8. Asbestos-contaminated waste that has been containerized shall be transported out of the work area through the worker decontamination enclosure or through an approved pass-out arrangement.



9. Should hydro-blasting be used to remove asbestos-containing materials, the waste water captured shall be filtered on-site during the monitoring of the consultant. The consultant reserves the right to review the procedures of this process and equipment – before, during and at the end of abatement ensuring it is done properly and safely.
10. The consultant also reserves the right to reject any means and methods of removal should they fail to meet the standards set for in federal, state, local laws and the requirements in this Scope of Work.

### PROHIBITED WORK PRACTICES

1. Uncontrolled releases. This is cause for stopping the project until modified work practices and containment that prevent these releases from occurring are designed and implemented.
2. Dry removal or dry disturbance of any kind.
3. Mechanical tools without HEPA vacuum attachment and HEPA vacuum properly attached according to manufacturer recommendation.
4. No brooms are allowed inside containment.
5. Bead blasting.
6. No bulk loading.

### COMPLETION OF ABATEMENT & CLEARANCE AIR SAMPLES

1. After final cleaning of any interior containment of a building intended to be reoccupied has been completed, a visual clearance inspection shall be performed by the consultant. Contractor personnel shall be present and available to address any deficiencies in cleaning. On the business day following visual clearance of the containment, a set of five clearance air samples shall be collected to be analyzed by Transmission Electron Microscopy (TEM) or Phase Contrast Microscopy (PCM).
2. Where TEM clearance criteria is used, final clearance for re-occupancy shall be contingent upon meeting AHERA criteria for response action completion of an average of 70 structures per square millimeter (70 s/mm<sup>2</sup>) or less for the 5 samples collected inside the containment (40 CFR 763, Appendix A). In the event clearance air samples do not meet this re-occupancy criteria, the contractor shall be responsible for re-cleaning failed areas, and for costs associated with collection and rush analysis of additional clearance air samples (\$2,450/per set of clearances) in accordance with the sampling protocol described above.
3. Where PCM clearance criteria is used, final clearance for re-occupancy shall be contingent upon meeting AHERA criteria for response action completion when the results of the samples collected show that the concentration of fibers for each of the five samples is less than or equal to a limit of quantitation for PCM (0.01 fibers per cubic centimeter (0.01 f/cm<sup>3</sup>) of air). In the event clearance air samples do not meet this re-occupancy criteria, the contractor shall be responsible for re-cleaning failed areas, and for costs associated with collection and rush analysis of additional clearance air samples (\$1,500/per set of clearances) in accordance with the sampling protocol described above.

### PERSONAL AIR MONITORING RESULTS FOR WORKERS

The contractor shall promptly post and provide a copy of worker personal air monitoring results in within 5 calendar days of the them being collected on the worker. No more than two working days shall pass between results being received and posted on-site or provided to YES, Inc. as part of the close-out documentation for this project.

### DISPOSAL

Any baseboards, carpet or 12" floor tile which is able to be removed from containment before any asbestos-containing materials are disturbed can be discarded as construction debris.

Any asbestos-containing materials removed by manual methods shall be considered non-friable, non-hazardous, asbestos-containing waste, manifested and disposed of accordingly.

Asbestos-containing materials removed by mechanical means shall be considered hazardous, asbestos-containing waste, manifested and disposed of accordingly.



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**Attachments:**

- A. Campus Map
- B. Submittal Requirements
- C. SDS for ChemSafe Clear Mastic Solvent

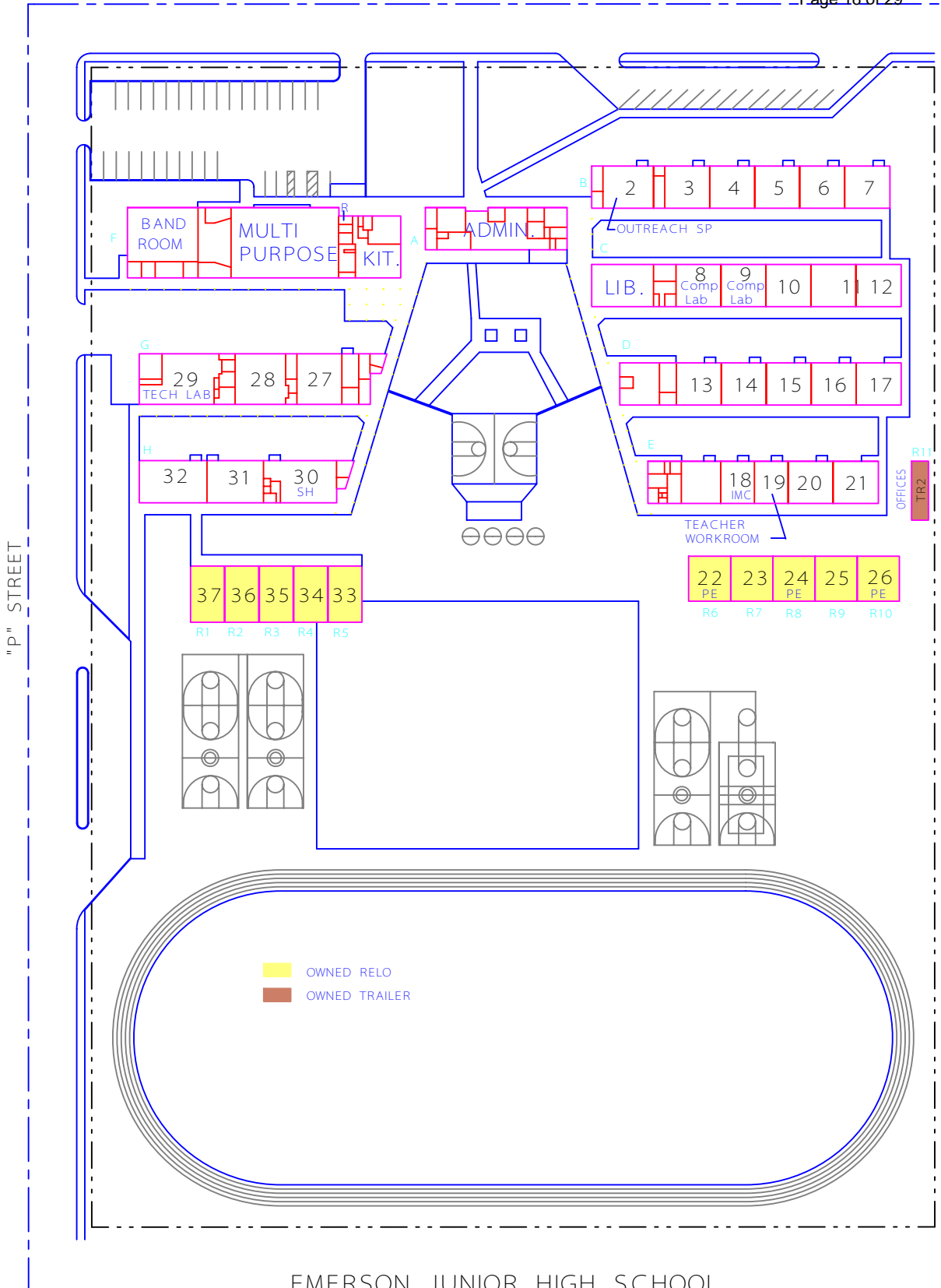


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**Attachment A - Campus Map**



EMERSON JUNIOR HIGH SCHOOL  
801 FOURTH ST.

AREA = 494,851 SQ. FT.  
OR 11.36 ACRES





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**Attachment B – Submittal Requirements**



## Asbestos Submittal Requirements

Note: not all of the items listed below are applicable for every project. Only the items applicable are required to be included in the submittal packet.

### **Prestart Submittals**

1. Contractor's license(s)
  - a. CSLB license with asbestos certification
2. DOSH registration
3. Notifications
  - a. Appropriate local EPA enforcement agency for the job site location.
  - b. Cal/OSHA asbestos notification
  - c. Equipment rented
    - i. Proof the rental company has been made aware the rented equipment will be used for asbestos and/or lead related work.
4. Site specific safety/emergency plan
  - a. This must include, but is not limited to, the nearest hospital's phone number and address;
  - b. Local police department phone number and address;
  - c. Title, name and phone number of the contractor's contact whom should be contacted in the event of an emergency.
5. Contractor worker documentation for all workers on-site
  - a. Proof of AHERA training
  - b. Proof of Medical approval to wear a respirator
  - c. Respirator fit test
6. Contractor's respiratory protection program
7. Challenge testing certificates
8. Negative exposure assessment (if requesting to don lesser PPE than specified in the SOW)
9. Safety data sheets all hazardous materials (as defined by Cal/OSHA)
10. Waste Disposal
  - a. Paperwork for landfill proving the landfill will accept the waste
  - b. Proof of licensed waste hauler and company for hazardous waste
  - c. Waste characterization of lead waste
  - d. Manifest for all types of waste to be generated

### **Submittals Required During the Project**

1. Daily copies
  - a. Safety meeting (if held daily)
  - b. Worker roster of all employees onsite – regardless of training
  - c. Entry/exit log for employees entering/exiting containment/regulated area
2. Weekly
  - a. Safety meeting
  - b. Worker personal air monitoring
  - c. Area air monitoring

### **Submittals Required at the Conclusion of the Project**

1. Contractor air monitoring & laboratory results (refer to the SOW for required frequency)
2. Any other paperwork as requested by the Consultant or Building Owner



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**Attachment C - SDS for Chemsafe Clear**

**SAFETY DATA SHEET****TRADE NAME: CHEMSAFE CLEAR**

PAGE 1 OF 8

ISSUE DATE: 1/15/1990

REVISION DATE: 4/15/2015

**1. PRODUCT AND COMPANY IDENTIFICATION****GHS PRODUCT IDENTIFIER:**

TRADE NAME; CHEMSAFE CLEAR (CARB COMPLIANT)

**OTHER MEANS OF IDENTIFICATION:****RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:**

RECOMMENDED USE: Mastic Removal

**SUPPLIER'S DETAILS:**

1480 GRANDVIEW AVE.  
THOROFARE, NJ 08086  
(800)767-6933

**EMERGENCY PHONE NUMBER:**

COMPANY PHONE NUMBER: (800)767-6933

(24HR) EMERGENCY NUMBER: CHEM-TREC (800)424-9300

**2. HAZARD IDENTIFICATION****GHS CLASSIFICATION:**

GHS CLASSIFICATION SCALE: 1=SEVERE HAZARD, 4=SLIGHT HAZARD)

ASPIRATION HAZARD  
SERIOUS EYE DAMAGE IRRITATION

CATEGORY 1  
CATEGORY 2A

**LABEL ELEMENTS:****SIGNAL WORD: DANGER****HAZARD STATEMENTS:**

Causes serious eye irritation  
May be fatal if swallowed and enters airways

**SAFETY DATA SHEET****TRADE NAME: CHEMSAFE CLEAR**

PAGE 2 OF 8

**HAZARD SYMBOLS:****PRECAUTIONARY STATEMENTS:**

Keep out of reach of children  
 Wash hands, face and all exposed skin areas after handling.  
 Wear protective gloves/protective clothing/eye protection/face protection

**PRECAUTIONARY STATEMENTS (RESPONSE):**

IF SWALLOWED: Immediately call a poison center or doctor or physician. Do not induce vomiting.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

**PRECAUTIONARY STATEMENTS (STORAGE):**

Store locked up.

**PRECAUTIONARY STATEMENTS (DISPOSAL):**

Dispose of contents/container to an approved waste disposal plant in accordance with applicable local/regional/national and international regulations and product characteristics at time of disposal.

**OTHER HAZARDS:**

Repeated or prolonged exposure can cause skin dryness or cracking.

### 3. COMPOSITION INFORMATION ON INGREDIENTS

| INGREDIENT IDENTITY                        | CAS NUMBER | PERCENTAGE  |
|--|------------|-------------|
| DISTILLATES, PETROLEUM HYDROTREATED, LIGHT | 64742-47-8 | PROPRIETARY |
| BUTOXYDIGLYCOL                             | 112-34-5   | PROPRIETARY |

REMAINING INGREDIENTS ARE NOT REPORTABLE UNDER OSHA/SDS GUIDELINES. THE EXACT PERCENTAGES OF SOME INGREDIENTS HAVE BEEN WITHHELD AS (CBI) CONFIDENTIAL BUSINESS INFORMATION TRADE SECRET.

### 4. FIRST AID MEASURES

INGESTION: If swallowed, wash out mouth with water. Do not induce vomiting, this product is an aspiration hazard. If spontaneous vomiting occurs, keep head below hips to prevent aspiration of liquid into the lung. Never give anything by mouth to an unconscious person.

**SKIN CONTACT:** Remove contaminated clothing. Wash with soap and plenty of water for 15 minutes. Wash contaminated clothing before reuse. If irritation occurs get medical advice.

**INHALATION:** Move individual away from exposure and into fresh air. If breathing is irregular or stopped, administer artificial respiration. In case of shortness of breath, give oxygen. Call a physician immediately.

**EYE CONTACT:** Rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing. If eye irritation persists, get medical attention/advice.

### **Most Important Symptoms and Effects, Acute and Delayed**

**INGESTION:** Symptoms may include diarrhea, gastric pain, and vomiting.

**SKIN CONTACT:** Symptoms may include redness, dryness and cracking of skin.

**INHALATION:** Not expected; however, symptoms may include irritation of respiratory tract and/or CNS symptoms such as dizziness, confusion, drowsiness or fatigue.

**EYE CONTACT:** Symptoms may include stinging, tearing, redness and blurred vision.

### **Indication of immediate medical attention and special treatment needed, if necessary.**

Treat Symptomatically.

## **5. FIRE FIGHTING MEASURES**

**Suitable extinguishing media:** Use fire extinguishers suitable for surrounding fire, possibly consisting of water spray, dry chemical, carbon dioxide, or foam.

**Unsuitable extinguishing media-** Do not use water jet.

**Specific hazards arising from the chemical:** In a fire or if heated, a pressure increase will occur and the container may burst. Material will burn in a fire. Flash point is over 200F. Material will emulsify and not directly float with water spray and emulsion could aid in not exacerbating fire.

**Hazardous thermal decomposition products:** carbon monoxide and CO<sub>2</sub>

**Special protective actions for fire-fighters:** Keep product containers and surrounding areas cool with water spray. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters:** Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## **6. ACCIDENTAL RELEASE MEASURES**

### **Personal precautions, protective equipment and emergency procedures:**

**For non-emergency personnel:** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Avoid breathing vapor or mists. Put on appropriate personal protective equipment. Wear appropriate respirator when ventilation is inadequate.

**For emergency responders:** If specialized clothing is required to deal with the spillage, take note of information in section 8 for further information. See also information in non-emergency personnel above.

**Environmental precautions:** Avoid dispersal of spilled material with soil, waterways, drains and sewers. See section 12 for additional ecological information.

#### **Methods and materials for containment and cleaning up.**

**Small spill:** Stop leak if without risk. Move containers from the spill area. Absorb with an inert dry non combustible material such as diatomaceous earth or vermiculite and place in an appropriate waste disposal container. Mop any remaining residues with soap and water and dispose of wastes via a licensed waste disposal contractor according to federal, state and local regulations.

**Large spill:** Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, drains, water courses and confined areas. Wash spillages into an effluent treatment plant or absorb with an inert dry non combustible material such as diatomaceous earth or vermiculite and place in a appropriate waste disposal containers. Mop any remaining residues with soap and water and dispose of wastes via a licensed waste disposal contractor according to federal, state and local regulations.

## **7. HANDLING AND STORAGE**

#### **Precautions for Safe Handling:**

**Safe Handling Advice:** Utilize appropriate personal protective equipment when handling product. Do not swallow. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mists. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container and tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. No smoking. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection and face protection during use. Emptied containers can contain product residues and remain hazardous. Do not reuse, flame cut, braze or weld container and observe all sds information around empty containers and dispose of in accordance with federal, state and local regulations.

**Advice on general occupational hygiene:** Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also section 8 for additional hygiene information.

#### **Conditions for safe storage including any incompatibilities:**

Store in original container in a dry, cool and well ventilated area away from strong oxidizing agents (see section 10) and food and drink. Store locked up. Eliminate all ignition sources. Keep container tightly closed when not in use. Do not store in unlabeled containers.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

| <u>Control Parameters</u>  | <u>Occupational Exposure Limits</u> |                 |                   |
|----------------------------|-------------------------------------|-----------------|-------------------|
| <u>Ingredient Identity</u> | <u>ACGIH TLV</u>                    | <u>OSHA PEL</u> | <u>NIOSH IDLH</u> |
| Butoxydiglycol             | 112-34-5                            | TWA 10ppm       |                   |

Distillates, Petroleum TWA:skin absorption 200mg/m<sup>3</sup> (as total hydrocarbon vapor) 8 hours  
Hydrotreated, Light 64742-47-8

### Appropriate Engineering Controls

**Engineering Controls:** Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants and air concentrations below occupational exposure standards.

### Individual protection measures, such as personal protective equipment. (PPE)

**Eye/Face Protection:** Wear approved tightly sealed safety goggles

**Skin & Body Protection:** Wear chemical resistant, impervious gloves at all times when handling chemical products. Check during use that gloves are still retaining their impervious properties, as the time for breakthrough can change from different manufacturers and chemical mixtures cannot always be accurately measured. Appropriate footwear and suitable protective clothing should be worn for the degree and risk of exposure.

**Respiratory Protection:** If workplace exposure limits of product or any component is exceeded, utilize proper respiratory protection program guidelines (see OSHA 1910.134 and American National Standard ANSI Z88.2) Use a properly fitted NIOSH/MSHA air-purifying or air-fed respirator in compliance with the above mentioned standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: clear liquid

Odor: near odorless

Odor threshold: not available

pH: not applicable

Melting Point/Freezing Point: -56F

Initial Boiling Point/Range: 344F-473F

Flash Pt: >200F lowest ingredient, does not sustain combustion

Evaporation Rate: <1 (butyl acetate=1)

Lower explosive limits: .6% Aliphatic Solvent

Upper explosive limits: 5.5% Aliphatic Solvent

Vapor Pressure: meets CARB guidelines

Vapor Density: 4.5-5 (air=1)

Relative Density: .84

Solubility in water: Emulsifies

Partition coefficient: not applicable

Auto ignition temp: >428F

Decomposition Temp: not available

Viscosity: pourable liquid

**10. STABILITY AND REACTIVITY**

Reactivity: Stable in normal ambient temperature and pressure

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: not under normal conditions of storage and use.

Conditions to Avoid: Open flames, sparks

Incompatible Materials: Oxidizing materials

Hazardous Decomposition Products: Carbon monoxide and Carbon Dioxide

**11. TOXICOLOGICAL INFORMATION**

**Acute toxicity: Not classified,**

**Skin corrosion irritation: not classified,**

**Serious Eye damage: classified, Category 2, Causes serious eye irritation, Butoxydiglycol 112-34-5**

**Sensitization: Not classified,**

**Mutagenicity: Not classified,**

**Carcinogenicity: Not classified**

**Reproductive Toxicity: Not Classified**

**Teratogenicity: Not Available**

**Specific target Organ Toxicity (single exposure)**

**Not classified**

**Specific target Organ Toxicity (repeated exposure):**

**Not classified**

**Aspiration Hazard:**

**Distillate petroleum hydrotreated, light 64742-47-8 , Aspiration Hazard Category 1**

**SAFETY DATA SHEET****TRADE NAME: CHEMSAFE CLEAR**

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**Information on the likely routes of exposure:****Ingestion:** May be harmful if swallowed. May be fatal if swallowed and enters airways.**Inhalation:** Do not breathe vapors or mists.**Skin:** May be harmful in contact with skin.**Eye:** Causes serious eye irritation**Symptoms related to the physical, chemical and toxicological characteristics****Ingestion:** See section iv, most important symptoms and effects, acute and delayed.**Inhalation:** See section iv, most important symptoms and effects, acute and delayed.**Skin:** See section iv, most important symptoms and effects, acute and delayed.**Eye:** See section iv, most important symptoms and effects, acute and delayed.**Delayed and immediate effects and also chronic effects from short and long term exposure.**

General: Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis

Carcinogenicity: no known significant effects or critical hazards. Not classifiable.

**Numerical measures of Toxicity**

Not Available

**12. ECOLOGICAL INFORMATION****Toxicity:**

| <u>Ingredient name</u>                    | <u>Result</u>          | <u>Species</u> | <u>Exposure</u> |
|---|------------------------|----------------|-----------------|
| Distillate Petroleum, Hydrotreated, light | Chronic NOEL 0.48 mg/l | Daphnia        | 21 days         |

**Persistence and degradability:**Distillate Petroleum: Biodegradability-inherent  
Hydrotreated

Butoxydiglycol 112-34-5: readily biodegradable

**Bioaccumulation Potential:**

Not expected to bioaccumulate

**Mobility in Soil:**

No data

**Other adverse Effects:**

No known significant effects or critical hazards

**13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with applicable federal, state and local regulations.

**SAFETY DATA SHEET****TRADE NAME: CHEMSAFE CLEAR**

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**14. TRANSPORTATION INFORMATION**

**DOT:** NOT REGULATED  
**IATA:** NOT REGULATED  
**IMDG:** NOT REGULATED

**15. REGULATORY INFORMATION**

**U.S. FEDERAL REGULATIONS:** All ingredients are listed or exempted with TSCA.

SARA 302/304: no products were found.

SARA 311/312: acute health hazard

| Ingredient                         | %           | FIRE HAZARD | PRESSURE RELEASE | REACTIVE | IMMEDIATE ACUTE | DELAYED CHRONIC |
|------------------------------------|-------------|-------------|------------------|----------|-----------------|-----------------|
| Distillate Petroleum, Hydrotreated | 80-95       | YES         | NO               | NO       | NO              | NO              |
| Butoxydiglycol 112-34-5            | PROPRIETARY |             |                  |          | YES             | YES             |

SARA 313: butoxydiglycol, <12%

STATE REGULATIONS:

| Ingredient                                    | New York | New Jersey | Massachusetts | Pennsylvania |
|---|----------|------------|---------------|--------------|
| Distillate Petroleum Hydrotreated. 64742-47-8 | No       | No         | No            | No           |
| Butoxydiglycol 112-34-5                       | No       | Yes        | Yes           | yes          |

California Prop 65: none known

**16. OTHER INFORMATION**

HMIS RATING: HEALTH (1) FIRE (1) REACTIVITY (0)  
 4=EXTREME, 3=HIGH, 2=MODERATE, 1=SLIGHT, 0=INSIGNIFICANT

**NOTICE TO READER:**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. The information on this sds was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Users are advised to confirm in advance of need, that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the sds. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.