

1. PRODUCT AND COMPANY IDENTIFICATION

| | | | |
|-----------------|--|---------------------|----------------------------------|
| Company | : EUCLID CHEMICAL COMPANY | Contact Person | : EH&S Department |
| Address | : 19218 REDWOOD ROAD CLEVELAND, OH 44110 | Material Name | : SPEED PLUG- 50# Bag (USE PAIL) |
| Telephone | : 216-531-9222 | Product Code | : TR5113650 |
| Emergency Phone | : 800-424-9300 (Chemtrec) 1-613-996-6666 (Canada) | Recommended Use | : Cement, Portland, chemicals |
| | | Restrictions on Use | : Not known. |

2. HAZARDS IDENTIFICATION

Hazard classification

Health hazards

| | |
|--|-------------------------|
| Acute toxicity (Inhalation - dust and mist) | Category 4 |
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 1 |
| Skin sensitizer | Category 1 |
| Carcinogenicity | Category 1A |
| Specific target organ toxicity - Single exposure | Category 3 ¹ |
| Specific target organ toxicity - Repeated exposure | Category 1 ¹ |

Target Organs

Respiratory tract irritation
Lung

Unknown toxicity - Health

| | |
|--|---------|
| Acute toxicity, oral | 59.04 % |
| Acute toxicity, dermal | 61.32 % |
| Acute toxicity, inhalation, vapor | 100 % |
| Acute toxicity, inhalation, dust or mist | 62.05 % |

Unknown toxicity - Environment

| | |
|--|--------|
| Acute hazards to the aquatic environment | 99.27% |
| Chronic hazards to the aquatic environment | 100% |

Label elements

Hazard pictograms:



Signal word: Danger

Hazard statements: Harmful if inhaled. Causes skin irritation. Causes serious eye damage.
May cause an allergic skin reaction. May cause cancer. May cause respiratory irritation.
May cause damage to organs through prolonged or repeated exposure.

Precautionary statements:

Prevention: Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing must not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product.

Response: IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Immediately call a POISON CENTER/doctor. Specific treatment (see product label). Wash contaminated clothing before reuse.

Storage: Store locked up. Store in well-ventilated place. Keep container tightly closed.

Disposal: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws, regulations, and product characteristics at time of disposal.

Hazards not otherwise classified (HNOC): None.



3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

| Chemical Identity | CAS number | Content in percent (%)* |
|---|--------------|-------------------------|
| Trade secret | Trade secret | 20 - <50% |
| Portland cement | 65997-15-1 | 20 - <50% |
| Crystalline Silica (Quartz)/Silica Sand | 14808-60-7 | 20 - <50% |
| Calcium hydroxide | 1305-62-0 | 1 - <3% |
| Magnesium hydroxide | 1309-42-8 | 1 - <5% |
| Calcium salt | 7778-18-9 | 0.1 - <1% |

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. FIRST AID MEASURES

Ingestion: Call a POISON CENTER/doctor/medical professional if you feel unwell. Rinse mouth.

Inhalation: Move to fresh air.

Skin contact: Immediately remove contaminated clothing and shoes, wash skin with soap and plenty of water. Destroy or thoroughly clean contaminated shoes. Wash contaminated clothing before reuse. If an irritation or an allergic skin reaction develops, get medical attention.

Eye contact: Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Call a physician or poison control center immediately.

Most important symptoms and effects, acute and delayed:
Symptoms: Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping. Extreme irritation of eyes and mucous membranes, including burning and tearing. Respiratory tract irritation.

Indication of any immediate medical attention and special treatment needed:
Treatment: Symptoms may be delayed.

5. FIREFIGHTING MEASURES

General fire hazards: No unusual fire or explosion hazards noted.

Suitable (and unsuitable) extinguishing media:
Suitable extinguishing media: Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical: During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters:
Special fire fighting procedures: No data available.

Special protective equipment and precautions for fire-fighters: Self-Contained Breathing Apparatus (SCBA) and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away.

Methods and material for containment and cleaning up: Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

Notification procedures: In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

Environmental precautions: Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.



7. HANDLING AND STORAGE

Precautions for safe handling: Ventilate well, avoid breathing vapors. Use approved respirator if air contamination is above acceptable level. Use mechanical ventilation in case of handling, which causes formation of dust. Wash hands thoroughly after handling. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Do not get in eyes. Avoid contact with skin.

Conditions for safe storage, including any incompatibilities: Store locked up.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

| Occupational Exposure Limits | | | |
|---|-----------|---|---|
| Chemical Identity | Type | Exposure Limit Values | Source |
| Portland cement - Respirable fraction. | TWA | 1 mg/m ³ | U.S. ACGIH Threshold Limit Values (2011) |
| Portland cement - Total dust. | PEL | 15 mg/m ³ | U.S. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| Portland cement - Respirable fraction. | PEL | 5 mg/m ³ | U.S. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| Portland cement | TWA | 50 millions of particles per cubic foot of air | U.S. OSHA Table Z-3 (29 CFR 1910.1000) (2000) |
| Crystalline Silica (Quartz)/ Silica Sand - Respirable fraction. | TWA | 0.025 mg/m ³ | U.S. ACGIH Threshold Limit Values (2011) |
| Crystalline Silica (Quartz)/ Silica Sand - Respirable dust. | TWA | 0.05 mg/m ³ | U.S. OSHA Specifically Regulated Substances (29 CFR 1910.1000) (03 2016) |
| | OSHA AC T | 0.025 mg/m ³ | U.S. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053) (03 2016) |
| Crystalline Silica (Quartz)/ Silica Sand - Respirable dust. | PEL | 0.05 mg/m ³ | U.S. OSHA Table Z-105.3 Limits For Air Contaminants (29 CFR 1910.1000) (03 2016) |
| Crystalline Silica (Quartz)/ Silica Sand - Respirable dust. | TWA | 2.4 millions of particles per cubic foot of air | U.S. OSHA Table Z-3 (29 CFR 1910.1000) (2000) |
| | TWA | 0.1 mg/m ³ | US. OSHA Table Z-3 (29 CFR 1910.1000) (2000) |
| Calcium hydroxide | TWA | 5 mg/m ³ | US. ACGIH Threshold Limit Values (2011) |
| Calcium salt - Inhalable fraction. | TWA | 10 mg/m ³ | U.S. ACGIH Threshold Limit Values (2011) |
| Calcium salt - Total dust. | PEL | 15 mg/m ³ | U.S. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| Calcium salt - Respirable fraction. | PEL | 5 mg/m ³ | U.S. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| Portland cement - Total dust. | TWA | 10 mg/m ³ | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Portland cement - Respirable fraction. | TWA | 3 mg/m ³ | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Portland cement | TWA | 1 mg/m ³ | Canada. Ontario OELs.(Control of Exposure to Biological or Chemical Agents) (06 2015) |



8. EXPOSURE CONTROLS/PERSONAL PROTECTION (CONTINUED)

| Chemical Identity | Type | Exposure Limit Values | Source |
|---|------|-------------------------|---|
| Portland cement - Total dust. | TWA | 10 mg/m ³ | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |
| Portland cement - Respirable dust. | TWA | 5 mg/m ³ | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |
| Crystalline Silica (Quartz)/ Silica Sand - Respirable fraction. | TWA | 0.025 mg/m ³ | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Crystalline Silica (Quartz)/ Silica Sand - Respirable fraction. | TWA | 0.10 mg/m ³ | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010) |
| Crystalline Silica (Quartz)/ Silica Sand - Respirable fraction. | TWA | 0.10 mg/m ³ | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015) |
| Crystalline Silica (Quartz)/ Silica Sand - Respirable fraction. | TWA | 0.10 mg/m ³ | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015) |
| Crystalline Silica (Quartz)/ Silica Sand - Respirable dust. | TWA | 0.1 mg/m ³ | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (06 2015) |
| Portland cement - Total dust. | TWA | 10 mg/m ³ | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Portland cement - Respirable fraction. | TWA | 3 mg/m ³ | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Portland cement - Respirable fraction. | TWA | 1 mg/m ³ | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015) |
| Portland cement - Total dust. | TWA | 10 mg/m ³ | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |
| Portland cement - Respirable dust. | TWA | 5 mg/m ³ | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |
| Crystalline Silica (Quartz)/ Silica Sand - Respirable fraction. | TWA | 0.025 mg/m ³ | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Crystalline Silica (Quartz)/ Silica Sand - Respirable fraction. | TWA | 0.10 mg/m ³ | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015) |
| Crystalline Silica (Quartz)/ Silica Sand - Respirable dust. | TWA | 0.1 mg/m ³ | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |
| Calcium hydroxide | TWA | 5 mg/m ³ | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |



8. EXPOSURE CONTROLS/PERSONAL PROTECTION (CONTINUED)

| Chemical Identity | Type | Exposure Limit Values | Source |
|--|-------------|------------------------------|---|
| Calcium hydroxide | TWA | 5 mg/m ³ | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010) |
| Calcium hydroxide | TWA | 5 mg/m ³ | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |
| Calcium salt | TWA | 10 mg/m ³ | Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2) (07 2009) |
| Calcium salt - Inhalable | TWA | 10 mg/m ³ | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Calcium salt - Inhalable fraction. | TWA | 10 mg/m ³ | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010) |
| Calcium salt - Total dust. | TWA | 10 mg/m ³ | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |
| Calcium salt - Respirable dust. | TWA | 5 mg/m ³ | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |
| Magnesium oxide - Respirable dust and/or fume. - as Mg | STEL | 10 mg/m ³ | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Magnesium oxide - Inhalable fume. | TWA | 10 mg/m ³ | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Magnesium oxide - Respirable dust and/or fume. - as Mg | TWA | 3 mg/m ³ | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Magnesium oxide - Inhalable fraction. | TWA | 10 mg/m ³ | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010) |
| Magnesium oxide - Fume. - as Mg | TWA | 10 mg/m ³ | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |
| Calcium oxide | TWA | 2 mg/m ³ | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Calcium oxide | TWA | 2 mg/m ³ | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010) |
| Calcium oxide | TWA | 2 mg/m ³ | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |



8. EXPOSURE CONTROLS/PERSONAL PROTECTION (CONTINUED)

| Chemical Identity | Type | Exposure Limit Values | Source |
|--|------|-----------------------|---|
| Calcium Carbonate (Limestone) - Total dust. | STEL | 20 mg/m ³ | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| | TWA | 10 mg/m ³ | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Calcium Carbonate (Limestone) - Respirable fraction. | TWA | 3 mg/m ³ | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Calcium Carbonate (Limestone) - Total dust. | TWA | 10 mg/m ³ | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |

Appropriate engineering controls: Mechanical ventilation or local exhaust ventilation may be required. Observe good industrial hygiene practices. Observe occupational exposure limits and minimize the risk of inhalation of dust.

Individual protection measures, such as personal protective equipment:

General information: Provide easy access to water supply and eye wash facilities. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Eye/face protection: Wear a full-face respirator, if needed. Wear safety glasses with side shields (or goggles) and a face shield.

Skin protection

Hand protection: Use suitable protective gloves if risk of skin contact.

Other: Wear suitable protective clothing. Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.

Respiratory protection: In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.

Hygiene measures: Observe good industrial hygiene practices. Wash hands before breaks and immediately after handling the product. Do not get in eyes. Wash contaminated clothing before reuse. Avoid contact with skin. Do not get in eyes. Wash contaminated clothing before reuse. Avoid contact with skin. Contaminated work clothing should not be allowed out of the workplace.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---|--------------------|---|--------------------|
| Appearance: | | Flammability (solid, gas): | No |
| Physical state: | Solid | Upper/lower limit on flammability or explosive limits: | |
| Form: | Powder | Flammability limit - upper (%): | No data available. |
| Color: | Gray | Flammability limit - lower (%): | No data available. |
| Odor: | Odorless | Explosive limit - upper (%): | No data available. |
| Odor threshold: | No data available | Explosive limit - lower (%): | No data available. |
| pH: | No data available | Vapor pressure: | No data available. |
| Melting point/freezing point: | No data available | Vapor density: | No data available. |
| Initial boiling point & boiling range: | No data available. | Relative density: | 3.0 |
| Flash point: | No data available. | Solubility(ies): | |
| Evaporation rate: | No data available. | | |



9. PHYSICAL AND CHEMICAL PROPERTIES (CONTINUED)

| | | | |
|---|----------------------|-----------------------------------|--------------------|
| Solubility in water: | Miscible with water. | Auto-ignition temperature: | No data available. |
| Solubility (other): | No data available. | Decomposition temperature: | No data available. |
| Partition coefficient (n-octanol/water): | No data available. | Viscosity: | No data available. |

10. STABILITY AND REACTIVITY

| | |
|--|---|
| Reactivity: | No data available. |
| Chemical stability: | Material is stable under normal conditions. |
| Possibility of hazardous reactions: | No data available. |
| Conditions to avoid: | Avoid heat or contamination. |
| Incompatible materials: | No data available. |
| Hazardous decomposition products: | Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. |

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

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|----------------------|--|
| Ingestion: | May be harmful if swallowed. |
| Inhalation: | In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes. |
| Skin contact: | May be harmful in contact with skin. Causes skin irritation. May cause allergic skin reaction. |
| Eye contact: | Causes serious eye damage. |

Information on toxicological effects:

Acute toxicity (list all possible routes of exposure):

| | |
|--|--|
| Oral | |
| Product: | Not classified for acute toxicity based on available data. |
| Dermal | |
| Product: | Not classified for acute toxicity based on available data. |
| Inhalation | |
| Product: | ATEmix: 1.9 mg/l |
| Repeated dose toxicity | |
| Product: | No data available. |
| Skin corrosion/irritation | |
| Product: | No data available. |
| Serious eye damage/eye irritation | |
| Product: | No data available. |
| Specified substance(s): | |
| Calcium salt | in vivo (Rabbit, 72 hrs): Not irritating |
| Respiratory or skin sensitization | |
| Product: | No data available. |
| Carcinogenicity | |
| Product: | No data available. |

U.S. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

| | |
|-----------------------------|--------|
| Crystalline Silica (Quartz) | |
| Silica Sand | Cancer |

Germ cell mutagenicity:

| | |
|-----------------|--------------------|
| In vitro | |
| Product: | No data available. |

| | |
|-----------------|--------------------|
| In vivo | |
| Product: | No data available. |

| | |
|------------------------------|--------------------|
| Reproductive toxicity | |
| Product: | No data available. |

| | |
|---|--------------------|
| Specific target organ toxicity - single exposure | |
| Product: | No data available. |

| | |
|---|--------------------|
| Specific target organ toxicity - repeated exposure | |
| Product: | No data available. |

Target organs:

Specific target organ toxicity - single exposure:

atory tract irritation

Specific target organ toxicity - repeated exposure:

| | |
|-----------------|------|
| Product: | Lung |
|-----------------|------|

| | |
|--------------------------|--------------------|
| Aspiration hazard | |
| Product: | No data available. |

| | |
|-----------------------|--------------------|
| Other effects: | No data available. |
|-----------------------|--------------------|

U.S. National Toxicology Program (NTP) Report on Carcinogens:

| | |
|---|-------------------------------|
| Crystalline Silica (Quartz)/ Silica sand | Known to be human carcinogen. |
|---|-------------------------------|



12. ECOLOGICAL INFORMATION

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic invertebrates:

Product: No data available.

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic invertebrates:

Product: No data available.

Toxicity to aquatic plants

Product: No data available.

Persistence and degradability:

Biodegradation

Product: No data available.

BOD/COD Ratio

Product: No data available.

Bioaccumulative potential

Bioconcentration factor (BCF)

Product: No data available.

Partition coefficient n-octanol / water (log K_{ow})

Product: No data available.

Mobility in soil:

No data available.

Other adverse effects:

No data available.

13. DISPOSAL CONSIDERATIONS

Disposal instructions: Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws, regulations, and product characteristics at time of disposal.

Contaminated packaging: No data available.

14. TRANSPORTATION INFORMATION

TDG: Not regulated.

CFR / DOT: Not regulated.

IMDG: Not regulated.



15. REGULATORY INFORMATION

U.S. Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):
None present or none present in regulated quantities.

U.S. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

| | |
|--|---|
| Chemical Identity | OSHA hazard(s) |
| Crystalline Silica (Quartz)/ Silica Sand | Kidney effects Lung effects Immune system effects Cancer |

CERCLA Hazardous Substance List (40 CFR 302.4):
None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

- Immediate (Acute) Health Hazards
- Delayed (Chronic) Health Hazard
- Acute toxicity (any route or exposure)
- Skin Corrosion or Irritation
- Serious eye damage or eye irritation
- Respiratory or Skin Sensitization
- Carcinogenicity
- Specific target organ toxicity (single or repeated exposure)

SARA 302 Extremely Hazardous Substance:
None present or none present in regulated quantities.

SARA 304 Emergency Release Notification:
None present or none present in regulated quantities.

SARA 311/312 Hazardous Chemical:

| Chemical Identity | Threshold Planning Quantity |
|---|-----------------------------|
| Trade secret | 10,000 lbs. |
| Portland cement | 10,000 lbs. |
| Crystalline Silica (Quartz)/Silica Sand | 10,000 lbs. |
| Calcium hydroxide | 10,000 lbs. |
| Magnesium hydroxide | 10,000 lbs. |
| Calcium salt | 10,000 lbs. |

SARA 313 (TRI Reporting):
None present or none present in regulated quantities.

Clean Water Act (CAA) Section 311 Hazardous Substances (40 CFR 117.3):
None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):
None present or none present in regulated quantities.

U.S. State Regulations:

U.S. California Proposition 65:

This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm. Crystalline Silica (Quartz/Silica Sand) Carcinogenic (09 2011)

U.S. New Jersey Worker and Community Right-to-Know Act:

Chemical Identity
Portland cement
Crystalline Silica (Quartz)/ Silica Sand
Calcium hydroxide

U.S. Massachusetts RTK - Substance List:

Chemical Identity
Portland cement
Crystalline Silica (Quartz)/ Silica Sand
Calcium hydroxide

U.S. Pennsylvania RTK - Hazardous Substances:

Chemical Identity
Portland cement
Crystalline Silica (Quartz)/ Silica Sand
Calcium hydroxide

U.S. Rhode Island RTK

Chemical Identity
Portland cement
Crystalline Silica (Quartz)/ Silica Sand
Calcium hydroxide

Other Regulations:

| International Regulations | |
|-----------------------------|----------------|
| Montreal Protocol | Not applicable |
| Stockholm Convention | Not applicable |
| Rotterdam Convention | Not applicable |
| Kyoto Protocol | Not applicable |

Regulatory VOC (less water and exempt solvent): 0g/l
VOC Method 310: 0.00%

Inventory Status:

| | |
|--|--|
| Australia AICS: | One or more components in this product are not listed on or exempt from the Inventory. |
| Canada DSL Inventory List: | One or more components in this product are not listed on or exempt from the Inventory. |
| EINECS, ELINCS or NLP: | All components in this product are listed on or exempt from the Inventory. |
| Japan (ENCS) List: | One or more components in this product are not listed on or exempt from the Inventory. |
| China Inv. Existing Chemical Substances: | All components in this product are listed on or exempt from the Inventory. |
| Korea Existing Chemicals Inv. (KECI): | All components in this product are listed on or exempt from the Inventory. |
| Canada NDSL Inventory: | One or more components in this product are not listed on or exempt from the Inventory. |
| Philippines PICCS: | One or more components in this product are not listed on or exempt from the Inventory. |
| U.S. TSCA Inventory: | All components in this product are listed on or exempt from the Inventory. |



15. REGULATORY INFORMATION (CONTINUED)

| | |
|--------------------------------------|--|
| New Zealand Inventory of Chemicals: | All components in this product are listed on or exempt from the Inventory. |
| Japan ISHL Listing: | One or more components in this product are not listed on or exempt from the Inventory. |
| Japan Pharmacopoeia Listing: | One or more components in this product are not listed on or exempt from the Inventory. |
| Mexico INSQ: | One or more components in this product are not listed on or exempt from the Inventory. |
| Ontario Inventory: | One or more components in this product are not listed on or exempt from the Inventory. |
| Taiwan Chemical Substance Inventory: | One or more components in this product are not listed on or exempt from the Inventory. |

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

| | |
|-----------------------------|---|
| Revision Date: | 02/13/18 |
| Version #: | 5.0 |
| Further Information: | No data available. |
| Disclaimer: | For industrial use only. Keep out of reach of children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition. |