

Version: 4.0 Revision Date: 06/23/2017

SAFETY DATA SHEET

1. Identification

Material name: THIN TOP SUPREME Material: 160T 50

Recommended use and restriction on use

Recommended use: Cement, Portland, chemicals **Restrictions on use:** Not known.

Manufacturer/Importer/Supplier/Distributor Information

Euclid Admixture Canada Inc. 2835 Grand-Allee Saint Hubert QC J4T 2R4 CA

Contact person: Telephone: Emergency telephone number:

EH&S Department (450)465-2233 1-800-424-9300 (US); 1-613-996-6666 (Canada)

2. Hazard(s) identification

Hazard Classification

Health HazardsCategory 2Skin Corrosion/IrritationCategory 1Serious Eye Damage/Eye IrritationCategory 1Skin sensitizerCategory 1CarcinogenicityCategory 1ASpecific Target Organ Toxicity -
Single ExposureCategory 3^{1.}Specific Target Organ Toxicity -
Repeated ExposureCategory 1^{1.}

Target Organs

- 1. Respiratory tract irritation.
- 2. Lung

Unknown toxicity - Health

| Acute toxicity, oral | 96.78 % |
|--|---------|
| Acute toxicity, dermal | 98.1 % |
| Acute toxicity, inhalation, vapor | 100 % |
| Acute toxicity, inhalation, dust or mist | 99.88 % |

Label Elements

Hazard Symbol:



| Signal Word: | Danger |
|--|--|
| Hazard Statement: | Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. May cause cancer. May cause respiratory irritation. Causes damage to organs through prolonged or repeated exposure. |
| Precautionary Statements | |
| Prevention: | Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing should 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. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray. 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 this label). Wash contaminated clothing before reuse. |
| Storage: | Store locked up. Store in a well-ventilated place. Keep container tightly closed. |
| Disposal: | Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. |
| Hazard(s) not otherwise Hassified (HNOC): | None. |

3. Composition/information on ingredients

Mixtures

Chemical Identity

CAS number C

Content in percent (%)*



| Crystalline Silica (Quartz)/ Silica Sand | 14808-60-7 | 50 - <100% |
|---|------------|------------|
| Portland cement | 65997-15-1 | 20 - <50% |
| Silica, fused | 60676-86-0 | 1 - <5% |
| Calcium salt | 7778-18-9 | 1 - <5% |
| Fumed silica | 69012-64-2 | 1 - <5% |
| Dolomite | 16389-88-1 | 0.1 - <1% |
| Aluminum oxide | 1344-28-1 | 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 | |
|---|--|
| 1 1131-010 1110030103 | |
| Ingestion: | Call a POISON CENTRE/doctor/ if you feel unwell. Rinse mouth. |
| Inhalation: | Move to fresh air. |
| Skin Contact: | Get medical attention. Destroy or thoroughly clean contaminated shoes. Immediately remove contaminated clothing and shoes and wash skin with soap and plenty of water. If skin 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/effec | ts, 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 immediate medical | attention and special treatment needed |
| Treatment: | Symptoms may be delayed. |
| 5. Fire-fighting measures | |
| General Fire Hazards: | No unusual fire or explosion hazards noted. |
| Suitable (and unsuitable) exting | uishing 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 a | nd proceptions for firefighters |

Special protective equipment and precautions for firefighters



| Special fire fighting procedures: | No data available. |
|--|---|
| Special protective equipment for fire-fighters: | Self-contained breathing apparatus 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 accepted 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. Avoid contact with eyes, skin, and clothing. |
| Conditions for safe storage, including any incompatibilities: | Store locked up. |

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

| Chemical Identity | Туре | Exposure Limit Values | Source |
|---|--------------|--|---|
| Crystalline Silica (Quartz)/ Silica Sand - Respirable fraction. | TWA | 0.025 mg/m3 | US. ACGIH Threshold Limit Values (2011) |
| Crystalline Silica (Quartz)/ Silica Sand - Respirable. | TWA | 2.4 millions of particles per cubic foot of air | US. OSHA Table Z-3 (29 CFR 1910.1000) (2000) |
| | TWA | 0.1 mg/m3 | US. OSHA Table Z-3 (29 CFR 1910.1000) (2000) |
| Crystalline Silica (Quartz)/ Silica Sand - Respirable dust. | TWA | 0.05 mg/m3 | US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053) (03 2016) |
| | OSHA_AC T | 0.025 mg/m3 | US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053) (03 2016) |
| Crystalline Silica (Quartz)/ | PEL | 0.05 mg/m3 | US. OSHA Table Z-1 Limits for Air |



| Silica Sand - Respirable dust. | | | Contaminants (29 CFR 1910.1000) (03 2016) |
|--|--------|---|---|
| Portland cement - Respirable fraction. | TWA | 1 mg/m3 | US. ACGIH Threshold Limit Values (2011) |
| Portland cement - Total dust. | PEL | 15 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| Portland cement - Respirable fraction. | PEL | 5 mg/m3 | US. 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 | US. OSHA Table Z-3 (29 CFR 1910.1000) (2000) |
| Silica, fused | TWA | 20 millions of particles per cubic foot of air | US. OSHA Table Z-3 (29 CFR 1910.1000) (2000) |
| | TWA | 0.8 mg/m3 | US. OSHA Table Z-3 (29 CFR 1910.1000) (2000) |
| Calcium salt - Total | REL | 10 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards (2010) |
| Calcium salt - Respirable. | REL | 5 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards (2010) |
| Calcium salt - Total dust. | TWA | 15 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989) |
| Calcium salt - Respirable fraction. | TWA | 5 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989) |
| Calcium salt - Total dust. | TWA | 15 mg/m3 | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008) |
| Calcium salt - Respirable fraction. | TWA | 5 mg/m3 | US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008) |
| Calcium salt | AN ESL | 5 µg/m3 | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (03 2014) |
| | ST ESL | 50 µg/m3 | US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (03 2014) |
| Calcium salt - Inhalable fraction. | TWA | 10 mg/m3 | US. ACGIH Threshold Limit Values (2011) |
| Calcium salt - Total dust. | PEL | 15 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| Calcium salt - Respirable fraction. | PEL | 5 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |
| Fumed silica | TWA | 20 millions of particles per cubic foot of air | US. OSHA Table Z-3 (29 CFR 1910.1000) (2000) |
| | TWA | 0.8 mg/m3 | US. OSHA Table Z-3 (29 CFR 1910.1000) (2000) |
| Dolomite - Inhalable particles. | TWA | 10 mg/m3 | US. ACGIH Threshold Limit Values (03 2016) |
| Dolomite - Respirable particles. | TWA | 3 mg/m3 | US. ACGIH Threshold Limit Values (03 2016) |
| Dolomite - Respirable fraction. | TWA | 15 millions of particles per cubic foot of air | US. OSHA Table Z-3 (29 CFR 1910.1000) (03 2016) |
| | TWA | 5 mg/m3 | US. OSHA Table Z-3 (29 CFR 1910.1000) (03 2016) |
| Dolomite - Total dust. | TWA | 15 mg/m3 | US. OSHA Table Z-3 (29 CFR 1910.1000) (03 2016) |
| | TWA | 50 millions of particles per cubic foot of air | US. OSHA Table Z-3 (29 CFR 1910.1000) (03 2016) |
| Aluminum oxide - Respirable fraction. | TWA | 1 mg/m3 | US. ACGIH Threshold Limit Values (2011) |
| | PEL | 5 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006) |



| Aluminum oxide - Total dust. | PEL | 15 mg/m3 | US. OSHA Table Z-1 Limits for Air |
|------------------------------|-----|----------------|---|
| | | | Contaminants (29 CFR 1910.1000) (02 2006) |
| Aluminum oxide - Respirable | TWA | 5 mg/m3 | US. OSHA Table Z-3 (29 CFR 1910.1000) (03 |
| fraction. | | | 2016) |
| Aluminum oxide - Total dust. | TWA | 15 mg/m3 | US. OSHA Table Z-3 (29 CFR 1910.1000) (03 |
| | | _ | 2016) |
| | TWA | 50 millions of | US. OSHA Table Z-3 (29 CFR 1910.1000) (03 |
| | | particles per | 2016) |
| | | cubic foot of | |
| | | air | |
| Aluminum oxide - Respirable | TWA | 15 millions of | US. OSHA Table Z-3 (29 CFR 1910.1000) (03 |
| fraction. | | particles per | 2016) |
| | | cubic foot of | |
| | | air | |



| Chemical name | Туре | Exposure Limit Values | Source |
|---|------|-----------------------|--|
| Crystalline Silica (Quartz)/ Silica Sand - Respirable fraction. | TWA | 0.025 mg/m3 | 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/m3 | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015) |
| Crystalline Silica (Quartz)/ Silica Sand - Respirable dust. | TWA | 0.1 mg/m3 | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |
| Portland cement - Total dust. | TWA | 10 mg/m3 | 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/m3 | 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/m3 | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015) |
| Portland cement - Total dust. | TWA | 10 mg/m3 | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |
| Portland cement - Respirable dust. | TWA | 5 mg/m3 | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |
| Silica, fused - Respirable fraction. | TWA | 0.1 mg/m3 | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015) |
| Silica, fused - Respirable dust. | TWA | 0.1 mg/m3 | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |
| Calcium salt | TWA | 10 mg/m3 | Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2) (07 2009) |
| Calcium salt - Inhalable | TWA | 10 mg/m3 | 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/m3 | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010) |
| Calcium salt - Total dust. | TWA | 10 mg/m3 | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |
| Calcium salt - Respirable dust. | TWA | 5 mg/m3 | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |
| Fumed silica - Total fume. | TWA | 4 mg/m3 | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Fumed silica - Respirable fume. | TWA | 1.5 mg/m3 | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Fumed silica - Respirable fraction. | TWA | 2 mg/m3 | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015) |
| Fumed silica - Respirable dust and/or fume. | TWA | 2 mg/m3 | 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 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. Contaminated work clothing should not be allowed out of the workplace. |

9. Physical and chemical properties

Appearance

| Physical state: | solid |
|---|--------------------|
| Form: | Powder |
| Color: | Gray |
| Odor: | Odorless |
| Odor threshold: | No data available. |
| pH: | No data available. |
| Melting point/freezing point: | No data available. |
| Initial boiling point and boiling range: | No data available. |
| Flash Point: | No data available. |
| Evaporation rate: | No data available. |
| Flammability (solid, gas): | No |
| Upper/lower limit on flammability or explosiv | e limits |
| Flammability limit - upper (%): | No data available. |
| Flammability limit - lower (%): | No data available. |
| Explosive limit - upper (%): | No data available. |
| Explosive limit - lower (%): | No data available. |
| Vapor pressure: | No data available. |
| Vapor density: | No data available. |
| | |



| Relative density: | 2.75 |
|--|--|
| Solubility(ies) | Micciple with water |
| Solubility in water: | Miscible with water. No data available. |
| Solubility (other): Partition coefficient (n-octanol/w | |
| Faithful coefficient (n-octationw | rater). No data avaliable. |
| Auto-ignition temperature: | No data available. |
| Decomposition temperature: | 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. |
| - | |
| Products: | other toxic gases or vapors. |
| Products: 11. Toxicological information Information on likely routes of e | other toxic gases or vapors. Exposure In high concentrations, vapors, fumes or mists may irritate nose, throat and |
| Products: 11. Toxicological information Information on likely routes of e Inhalation: | other toxic gases or vapors. Exposure In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes. |
| Products: 11. Toxicological information Information on likely routes of e Inhalation: Skin Contact: | other toxic gases or vapors. |
| Products: 11. Toxicological information Information on likely routes of e Inhalation: Skin Contact: Eye contact: Ingestion: | other toxic gases or vapors. Exposure In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. |
| Products: 11. Toxicological information Information on likely routes of e Inhalation: Skin Contact: Eye contact: Ingestion: | other toxic gases or vapors. Exposure In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May be harmful if swallowed. |
| Products: 11. Toxicological information Information on likely routes of e Inhalation: Skin Contact: Eye contact: Ingestion: Symptoms related to the physic | other toxic gases or vapors. Exposure In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May be harmful if swallowed. al, chemical and toxicological characteristics |
| Products: 11. Toxicological information Information on likely routes of e Inhalation: Skin Contact: Eye contact: Ingestion: Symptoms related to the physic Inhalation: | other toxic gases or vapors. Exposure In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May be harmful if swallowed. al, chemical and toxicological characteristics No data available. |



Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

| Oral Product: | ATEmix: 4,403.39 mg/kg |
|--|--|
| Dermal Product: | Not classified for acute toxicity based on available data. |
| Inhalation Product: | Not classified for acute toxicity based on available data. |
| Repeated dose toxicity Product: | No data available. |
| Skin Corrosion/Irritation Product: | No data available. |
| Serious Eye Damage/Eye Irritati Product: | on No data available. |
| Respiratory or Skin Sensitizatio Product: | n No data available. |
| Carcinogenicity Product: | No data available. |
| IARC Monographs on the Evaluation | ation of Carcinogenic Risks to Humans: |
| Crystalline Silica (Quartz)/ Silica Sand | Overall evaluation: Carcinogenic to humans. |
| | m (NTP) Report on Carcinogens: Known To Be Human Carcinogen. |
| US. OSHA Specifically Regulate Crystalline Silica (Quartz)/ Silica Sand | d Substances (29 CFR 1910.1001-1050) : 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 ExposureProduct:No data available. | | |
| Specific Target Organ Toxicity - Repeated Exposure Product: No data available. | | |
| Target Organs Specific Target Organ Toxicity - Single Exposure: Respiratory tract irritation. Specific Target Organ Toxicity - Repeated Exposure: Lung | | |
| Aspiration Hazard Product: | No data available. | |
| Other effects: | No data available. | |

12. Ecological information

Ecotoxicity:

| 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. | |

Acute hazards to the aquatic environment:

Persistence and Degradability



| Biodegradation Product: | No data available. |
|--|---|
| BOD/COD Ratio Product: | No data available. |
| Bioaccumulative potential Bioconcentration Factor (BC Product: | F) No data available. |
| | |
| Partition Coefficient n-octanol / w 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 and regulations, and product characteristics at time of disposal. |
| Contaminated Packaging: | No data available. |
| 14. Transport information | |
| TDG: | |
| Not Regulated | |
| CFR / DOT: | |
| Not Regulated | |
| IMDG: | |
| Not Regulated | |
| 15. Regulatory information | |

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



US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

| Crystalline Silica (Quartz)/ Silica Sand | OSHA hazard(s) kidney effects lung effects immune system effects Cancer |
|---|--|
| Formaldehyde | Acute toxicity Skin irritation Skin sensitization Flammability respiratory tract irritation Respiratory sensitization Cancer Eye irritation |

CERCLA Hazardous Substance List (40 CFR 302.4):

| Chemical Identity | Reportable quantity |
|-------------------|---------------------|
| Formaldehyde | 100 lbs. |

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate (Acute) Health Hazards Delayed (Chronic) Health Hazard Skin Corrosion/Irritation Serious Eye Damage/Eye Irritation Skin sensitizer Carcinogenicity Specific Target Organ Toxicity - Single Exposure Specific Target Organ Toxicity - Repeated Exposure

quantity

100 lbs.

SARA 302 Extremely Hazardous Substance Reportable

| Chemical Identity | |
|-------------------|--|
| Formaldehyde | |

Threshold Planning Quantity 500 lbs.

SARA 304 Emergency Release Notification

| Chemical Identity | <u>Reportable quantity</u> |
|-------------------|----------------------------|
| Formaldehyde | 100 lbs. |



SARA 311/312 Hazardous Chemical

| Threshold Planning Quantity |
|-----------------------------|
| 500lbs |
| 10000 lbs |
| |
| 10000 lbs |
| |

SARA 313 (TRI Reporting)

None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

| Chemical Identity | Reportable quantity |
|-------------------|---------------------|
| Formaldehyde | lbs |

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

None present or none present in regulated quantities.

US State Regulations

US. 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)/ Carcinogenic. 09 2011 Silica Sand

Formaldehyde Carcinogenic. 09 2011

US. New Jersey Worker and Community Right-to-Know Act

Chemical Identity

Crystalline Silica (Quartz)/ Silica Sand Portland cement Silica, fused Calcium salt Fumed silica

US. Massachusetts RTK - Substance List

<u>Chemical Identity</u> Crystalline Silica (Quartz)/ Silica Sand Portland cement Silica, fused Calcium salt Formaldehyde

US. Pennsylvania RTK - Hazardous Substances

Chemical Identity

Crystalline Silica (Quartz)/ Silica Sand Portland cement Silica, fused Calcium salt



US. Rhode Island RTK

<u>Chemical Identity</u> Crystalline Silica (Quartz)/ Silica Sand Portland cement Silica, fused

International regulations

Montreal protocol

not applicable

Stockholm convention

not applicable

Rotterdam convention

not applicable

Kyoto protocol

not applicable

VOC:

| Regulatory VOC (less water and exempt solvent) | : | < 5 g/l |
|--|---|---------|
| VOC Method 310 | : | 0.00 % |



| Inventory Status: Australia AICS: | All components in this product are listed on or exempt from the Inventory. |
|--|--|
| Canada DSL Inventory List: | All components in this product are listed on or exempt from the Inventory. |
| EINECS, ELINCS or NLP: | One or more components in this product are not 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. |
| US TSCA Inventory: | All components in this product are listed on or exempt from the Inventory. |
| 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. |

16.Other information, including date of preparation or last revision

| Revision Date: | 06/23/2017 |
|----------------------|--------------------|
| Version #: | 4.0 |
| 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.