SAFETY DATA SHEET

1. Identification

Material name: SPECTREM 3 BLUE SPRUCE - 30 CTG
Material: 998898 323

Recommended use and restriction on use
- **Recommended use**: Sealant
- **Restrictions on use**: Not known.

Manufacturer/Importer/Supplier/Distributor Information
Tremco Canadian Sealants
220 Wicksteed Ave
Toronto ON M4H 1G7
CA

- **Contact person**: EH&S Department
- **Telephone**: 1-800-263-6046
- **Emergency telephone number**: 1-800-424-9300 (US); 1-613-996-6666 (Canada)

2. Hazard(s) identification

Hazard Classification

**Health Hazards**
- Respiratory sensitizer: Category 1
- Carcinogenicity: Category 1A
- Toxic to reproduction: Category 1B

**Unknown toxicity - Health**
- Acute toxicity, oral: 46.14 %
- Acute toxicity, dermal: 48.13 %
- Acute toxicity, inhalation, vapor: 99.73 %
- Acute toxicity, inhalation, dust or mist: 99.63 %

**Environmental Hazards**
- Acute hazards to the aquatic environment: Category 2

**Unknown toxicity - Environment**
- Acute hazards to the aquatic environment: 87.58 %
- Chronic hazards to the aquatic environment: 100 %

Label Elements

**Hazard Symbol:**

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Version: 1.0
Revision Date: 08/08/2016
Signal Word: Danger

Hazard Statement: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause cancer. May damage fertility or the unborn child. Toxic to aquatic life.

Precautionary Statement:
Prevention: Avoid breathing dust/fume/gas/mist/vapors/spray. [In case of inadequate ventilation] wear respiratory protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Avoid release to the environment.

Response: If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER/doctor. If exposed or concerned: Get medical advice/attention.

Storage: Store locked up.

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.

Other hazards which do not result in GHS classification: None.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>CAS number</th>
<th>Content in percent (%)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium carbonate</td>
<td>471-34-1</td>
<td>40 - 70%</td>
</tr>
<tr>
<td>Butyl benzyl phthalate</td>
<td>85-68-7</td>
<td>7 - 13%</td>
</tr>
<tr>
<td>Calcium oxide</td>
<td>1305-78-8</td>
<td>1 - 5%</td>
</tr>
<tr>
<td>Vinyltrimethoxysilane</td>
<td>2768-02-7</td>
<td>1 - 5%</td>
</tr>
<tr>
<td>Stearic acid</td>
<td>57-11-4</td>
<td>0.5 - 1.5%</td>
</tr>
<tr>
<td>Tosyl isocyanate</td>
<td>4083-64-1</td>
<td>0.1 - 1%</td>
</tr>
<tr>
<td>Hydrotreated heavy naphthenic distillate</td>
<td>64742-52-5</td>
<td>0.1 - 1%</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>0.1 - 1%</td>
</tr>
</tbody>
</table>

* 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/.../if you feel unwell. Rinse mouth.

Inhalation: Call a physician or poison control center immediately. If breathing stops, provide artificial respiration. Move to fresh air. If breathing is difficult, give oxygen.
Skin Contact: Wash skin thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention.

Eye contact: Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. If eye irritation persists: Get medical advice/attention.

Most important symptoms/effects, acute and delayed

Symptoms: May cause skin and eye 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) 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 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: Ventilate closed spaces before entering them. Evacuate area. See Section 8 of the SDS for Personal Protective Equipment. Keep upwind. 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. Avoid release to the environment.
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 breathe dust/fume/gas/mist/vapors/spray.

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

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>type</th>
<th>Exposure Limit Values</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium carbonate - Total dust.</td>
<td>PEL</td>
<td>15 mg/m³</td>
<td>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)</td>
</tr>
<tr>
<td>Calcium carbonate - Respirable fraction.</td>
<td>PEL</td>
<td>5 mg/m³</td>
<td>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)</td>
</tr>
<tr>
<td>Calcium oxide</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td>US. ACGIH Threshold Limit Values (2011)</td>
</tr>
<tr>
<td></td>
<td>PEL</td>
<td>5 mg/m³</td>
<td>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)</td>
</tr>
<tr>
<td>Stearic acid</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>US. ACGIH Threshold Limit Values (2011)</td>
</tr>
<tr>
<td>Hydrotreated heavy naphthenic distillate - Inhalable fraction.</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>US. ACGIH Threshold Limit Values (03 2014)</td>
</tr>
<tr>
<td>Hydrotreated heavy naphthenic distillate</td>
<td>PEL</td>
<td>500 ppm 2,000 mg/m³</td>
<td>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)</td>
</tr>
<tr>
<td>Hydrotreated heavy naphthenic distillate - Mist.</td>
<td>PEL</td>
<td>5 mg/m³</td>
<td>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>US. ACGIH Threshold Limit Values (2011)</td>
</tr>
<tr>
<td>Titanium dioxide - Total dust.</td>
<td>PEL</td>
<td>15 mg/m³</td>
<td>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)</td>
</tr>
<tr>
<td>Chemical name</td>
<td>type</td>
<td>Exposure Limit Values</td>
<td>Source</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>------------</td>
<td>-----------------------</td>
<td>------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Calcium carbonate - Total dust.</td>
<td>STEL</td>
<td>20 mg/m3</td>
<td>Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)</td>
</tr>
<tr>
<td>Calcium carbonate - Respirable fraction.</td>
<td>TWA</td>
<td>3 mg/m3</td>
<td>Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)</td>
</tr>
<tr>
<td>Calcium carbonate - Total dust.</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td>Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)</td>
</tr>
<tr>
<td>Calcium carbonate - Total dust.</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td>Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008)</td>
</tr>
<tr>
<td>Disodecyl phthalate</td>
<td>TWAEV</td>
<td>5 mg/m3</td>
<td>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)</td>
</tr>
<tr>
<td>Calcium oxide</td>
<td>TWA</td>
<td>2 mg/m3</td>
<td>Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)</td>
</tr>
<tr>
<td>Calcium oxide</td>
<td>TWAEV</td>
<td>2 mg/m3</td>
<td>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)</td>
</tr>
<tr>
<td>Calcium oxide</td>
<td>TWA</td>
<td>2 mg/m3</td>
<td>Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008)</td>
</tr>
<tr>
<td>Vinyltrimethoxysilane</td>
<td>STEL</td>
<td>10 ppm 60 mg/m3</td>
<td>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)</td>
</tr>
<tr>
<td>Hydrotreated heavy naphthenic distillate</td>
<td>TWA</td>
<td>0.2 mg/m3</td>
<td>Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (05 2013)</td>
</tr>
<tr>
<td>Hydrotreated heavy naphthenic distillate</td>
<td>TWA</td>
<td>1 mg/m3</td>
<td>Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (05 2013)</td>
</tr>
<tr>
<td>Hydrotreated heavy naphthenic distillate</td>
<td>TWAEV</td>
<td>5 mg/m3</td>
<td>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)</td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td>10 mg/m3</td>
<td>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)</td>
</tr>
<tr>
<td>Substance</td>
<td>Exposure Type</td>
<td>Limit (mg/m³)</td>
<td>Source</td>
</tr>
<tr>
<td>-----------------------------------------------</td>
<td>---------------</td>
<td>--------------</td>
<td>------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Hydrotreated heavy naphthenic distillate - Mist.</td>
<td>TWA</td>
<td>5</td>
<td>Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008)</td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td>10</td>
<td>Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008)</td>
</tr>
<tr>
<td>Titanium dioxide - Total dust.</td>
<td>TWA</td>
<td>10</td>
<td>Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)</td>
</tr>
<tr>
<td>Titanium dioxide - Respirable fraction.</td>
<td>TWA</td>
<td>3</td>
<td>Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>TWAEV</td>
<td>10</td>
<td>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)</td>
</tr>
<tr>
<td>Titanium dioxide - Total dust.</td>
<td>TWA</td>
<td>10</td>
<td>Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008)</td>
</tr>
</tbody>
</table>

**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:**
Use personal protective equipment as required.

**Eye/face protection:**
Wear goggles/face shield.

**Skin Protection**

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

**Other:**
No data available.

**Respiratory Protection:**
If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information.

**Hygiene measures:**
Observe good industrial hygiene practices. Wash hands before breaks and immediately after handling the product. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use.
9. Physical and chemical properties

Appearance
- Physical state: solid
- Form: Paste
- Color: Blue
- Odor: Mild sharp
- 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: Slower than Ether
- Flammability (solid, gas): No
- Upper/lower limit on flammability or explosive 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: Vapors are heavier than air and may travel along the floor and in the bottom of containers.
- Relative density: 1.42
- Solubility(ies)
  - Solubility in water: Practically Insoluble
  - Solubility (other): No data available.
- Partition coefficient (n-octanol/water): No data available.
- 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: Alcohols. Strong acids. Avoid contact with oxidizing agents (e.g. nitric acid, peroxides and chromates). Strong bases. Water, moisture.
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

Ingestion:  May be harmful if swallowed.

Inhalation:  In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes.

Skin Contact:  Causes mild skin irritation.

Eye contact:  Eye contact is possible and should be avoided.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral
Product:  ATEmix: 4,897.74 mg/kg

Dermal
Product:  ATEmix: 46,235.25 mg/kg

Inhalation
Product:  No data available.

Repeated dose toxicity
Product:  No data available.

Skin Corrosion/Irritation
Product:  No data available.

Specified substance(s):
- Calcium carbonate  in vivo (Rabbit): Experimental result, Key study
- Butyl benzyl phthalate  in vivo (Rabbit): Experimental result, Key study
- Calcium oxide  in vivo (Rabbit): Read-across from supporting substance (structural analogue or surrogate), Key study
- Vinyltrimethoxysilane  in vivo (Rabbit): Experimental result, Key study
- Stearic acid  in vivo (Rabbit): Experimental result, Key study
Hydrotreated heavy naphthenic distillate in vivo (Rabbit): Experimental result, Key study

Titanium dioxide in vivo (Rabbit): Experimental result, Supporting study

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.

**Specified substance(s):**
- Calcium carbonate in vivo (Rabbit, 24 - 72 hrs): Not irritating
- Butyl benzyl phthalate in vivo (Rabbit, 24 - 72 hrs): Not irritating
- Calcium oxide in vivo (Rabbit, 24 hrs): Category 1
  in vivo (Rabbit, 1 hrs): Irritating
- Vinyltrimethoxysilane in vivo (Rabbit): Not irritating
- Stearic acid in vivo (Rabbit, 27 - 72 hrs): Not irritating
- Hydrotreated heavy naphthenic distillate in vivo (Rabbit, 24 hrs): Not irritating
- Titanium dioxide in vivo (Rabbit, 24 hrs): Not irritating

**Respiratory or Skin Sensitization**

**Product:**
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause sensitization by inhalation.

**Carcinogenicity**

**Product:** No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**
- Hydrotreated heavy naphthenic distillate Overall evaluation: Not classifiable as to carcinogenicity to humans. Overall evaluation: Carcinogenic to humans.
- Titanium dioxide Overall evaluation: Possibly carcinogenic to humans.

**US. National Toxicology Program (NTP) Report on Carcinogens:**
- Hydrotreated heavy naphthenic distillate Known To Be Human Carcinogen.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**
- No carcinogenic components identified
Germ Cell Mutagenicity

In vitro
Product: No data available.

In vivo
Product: No data available.

Reproductive toxicity
Product: May damage fertility or the unborn child.

Specific Target Organ Toxicity - Single Exposure
Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure
Product: No data available.

Aspiration Hazard
Product: No data available.

Other effects: No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish
Product: No data available.

Specified substance(s):
- Butyl benzyl phthalate
  LC 50 (Fathead minnow (Pimephales promelas), 96 h): 1.39 - 3.88 mg/l
  Mortality

Aquatic Invertebrates
Product: No data available.

Specified substance(s):
- Butyl benzyl phthalate
  EC 50 (Water flea (Daphnia magna), 48 h): > 10 mg/l Intoxication
  EC 50 (Opossum shrimp (Americamysis bahia), 48 h): > 0.9 mg/l Mortality
  EC 50 (Water flea (Daphnia magna), 24 h): > 10 mg/l Intoxication
  EC 50 (Water flea (Daphnia magna), 21 d): > 0.76 mg/l Intoxication
  EC 50 (Water flea (Daphnia magna), 14 d): > 0.76 mg/l Intoxication

Chronic hazards to the aquatic environment:

Fish
Product: No data available.

Specified substance(s):
Butyl benzyl phthalate
- NOAEL (Pimephales promelas, 126 d): 64.6 - 67.5 µg/l Experimental result, Key study
- NOAEL (Oncorhynchus mykiss, 124 d): 0.2 mg/l Experimental result, Key study
- LOAEL (Pimephales promelas, 126 d): 18.1 µg/l Experimental result, Key study
- LC 50 (Pimephales promelas, 4 d): 2.32 mg/l Experimental result, Supporting study
- LC 50 (Pimephales promelas, 14 d): 2.25 mg/l Experimental result, Supporting study

Calcium oxide
- LC 50 (7 d): 3,206.2 mg/l Read-across based on grouping of substances (category approach), Key study
- NOAEL (Oncorhynchus mykiss, 60 d): 307 mg/l Read-across based on grouping of substances (category approach), Key study
- LC 50 (Hypophthalmichthys molitrix, 16 d): 75 - 450 mg/l Experimental result, Key study
- LOAEL (Cyprinodon variegatus, 10 d): 697 mg/l Read-across based on grouping of substances (category approach), Key study
- LC 50 (7 d): 4,408.5 mg/l Read-across based on grouping of substances (category approach), Key study

Hydrotreated heavy naphthenic distillate
- NOAEL (Oncorhynchus mykiss, 14 d): >= 1,000 mg/l QSAR QSAR, Supporting study

Titanium dioxide
- LC 50 (Oncorhynchus mykiss, 28 d): 7.31 mg/l Read-across from supporting substance (structural analogue or surrogate), Supporting study

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.

Specified substance(s):
- Butyl benzyl phthalate: Bluegill (Lepomis macrochirus), Bioconcentration Factor (BCF): 772 (Flow through)

Partition Coefficient n-octanol / water (log Kow)
- Product: No data available.
Specified substance(s):
Butyl benzyl phthalate  Log Kow: 4.91
Stearic acid  Log Kow: 8.23

Mobility in Soil:  No data available.
Other Adverse Effects:  Toxic to aquatic organisms.

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:
UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, PG III

Further Information:
The above shipping description may not be accurate for all container sizes and all modes of transportation. Please refer to Bill of Lading.

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

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Reportable quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butyl benzyl phthalate</td>
<td>100 lbs.</td>
</tr>
<tr>
<td>Dibutyl phthalate</td>
<td>10 lbs.</td>
</tr>
<tr>
<td>Methanol</td>
<td>5000 lbs.</td>
</tr>
<tr>
<td>Cyclohexane</td>
<td>1000 lbs.</td>
</tr>
<tr>
<td>Barium sulfate</td>
<td>1000 lbs.</td>
</tr>
<tr>
<td>Acetic acid</td>
<td>5000 lbs.</td>
</tr>
</tbody>
</table>

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Delayed (Chronic) Health Hazard

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

SARA 304 Emergency Release Notification

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Reportable quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butyl benzyl phthalate</td>
<td>100 lbs.</td>
</tr>
<tr>
<td>Diisodecyl phthalate</td>
<td>10 lbs.</td>
</tr>
<tr>
<td>Copper phthalocyanine</td>
<td>10 lbs.</td>
</tr>
<tr>
<td>Dibutyl phthalate (mixed Is)</td>
<td>10 lbs.</td>
</tr>
<tr>
<td>Methanol</td>
<td>5000 lbs.</td>
</tr>
<tr>
<td>Cyclohexane</td>
<td>1000 lbs.</td>
</tr>
<tr>
<td>Barium sulfate</td>
<td>1000 lbs.</td>
</tr>
<tr>
<td>Acetic acid</td>
<td>5000 lbs.</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazardous Chemical

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Threshold Planning Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium carbonate</td>
<td>500 lbs</td>
</tr>
<tr>
<td>Butyl benzyl phthalate</td>
<td>500 lbs</td>
</tr>
<tr>
<td>Calcium oxide</td>
<td>500 lbs</td>
</tr>
<tr>
<td>Vinyltrimethoxysilane</td>
<td>500 lbs</td>
</tr>
<tr>
<td>Stearic acid</td>
<td>500 lbs</td>
</tr>
<tr>
<td>Tosyl isocyanate</td>
<td>500 lbs</td>
</tr>
<tr>
<td>Hydrotreated heavy naphthenic distillate</td>
<td>500 lbs</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>500 lbs</td>
</tr>
</tbody>
</table>

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

Clean Water Act 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.

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

**Chemical Identity**
- Calcium carbonate
- Butyl benzyl phthalate
- Calcium oxide
- Hydrotreated heavy naphthenic distillate

US. Massachusetts RTK - Substance List

**Chemical Identity**
- Calcium carbonate
- Butyl benzyl phthalate
- Calcium oxide
- Crystalline Silica (Quartz)/ Silica Sand

US. Pennsylvania RTK - Hazardous Substances

**Chemical Identity**
- Calcium carbonate
- Butyl benzyl phthalate
- Diisodecyl phthalate
- Calcium oxide

US. Rhode Island RTK

**Chemical Identity**
- Butyl benzyl phthalate
- Diisodecyl phthalate

Other Regulations:

- **Regulatory VOC (less water and exempt solvent):** 13 g/l
- **VOC Method 310:** 0.90 %

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:** 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:** One or more components in this product are not listed on or exempt from the Inventory.
- **Korea Existing Chemicals Inv. (KECI):** One or more components in this product are not 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.

New Zealand Inventory of Chemicals: One or more components in this product are not 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.

US TSCA Inventory: All components in this product are listed on or exempt from the Inventory.

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

Revision Date: 08/08/2016
Version #: 1.0
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.