1. Identification

Material name: Solargard® Acrylic Sealer
Material: 110005P

Recommended use and restriction on use

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

**Manufacturer/Importer/Supplier/Distributor Information**
Tremco U.S. Roofing
3735 Green Road
Beachwood OH 44122
US

**Contact person**: EH&S Department
**Telephone**: 216-292-5000
**Emergency telephone number**: 1-800-424-9300 (US); 1-613-996-6666 (Canada)

2. Hazard(s) identification

**Hazard Classification**

**Health Hazards**

- Skin sensitizer: Category 1
- Carcinogenicity: Category 1B

**Unknown toxicity - Health**

- Acute toxicity, oral: 52.35%
- Acute toxicity, dermal: 61.67%
- Acute toxicity, inhalation, vapor: 68.75%
- Acute toxicity, inhalation, dust or mist: 68.7%

**Label Elements**

**Hazard Symbol:**

![Hazard Symbol]

**Signal Word:** Danger

**Hazard Statement:**

- May cause an allergic skin reaction.
- May cause cancer.
Precautionary Statements

Prevention: Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

Response: IF ON SKIN: Wash with plenty of water/… If skin irritation or rash occurs: Get medical advice/attention. IF exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Wash contaminated clothing before reuse.

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.

Hazard(s) not otherwise classified (HNOC): 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 salt</td>
<td>13397-24-5</td>
<td>20 - &lt;50%</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>5 - &lt;10%</td>
</tr>
<tr>
<td>Chlorinated paraffin</td>
<td>63449-39-8</td>
<td>1 - &lt;5%</td>
</tr>
<tr>
<td>Isobutyric acid polymer</td>
<td>25265-77-4</td>
<td>1 - &lt;5%</td>
</tr>
<tr>
<td>Antimony trioxide</td>
<td>1309-64-4</td>
<td>1 - &lt;5%</td>
</tr>
<tr>
<td>Sodium Benzoate</td>
<td>532-32-1</td>
<td>1 - &lt;5%</td>
</tr>
<tr>
<td>Ammonium hydroxide</td>
<td>1336-21-6</td>
<td>0.1 - &lt;1%</td>
</tr>
<tr>
<td>Octhilone</td>
<td>26530-20-1</td>
<td>0.1 - &lt;1%</td>
</tr>
<tr>
<td>1,2-Benzisothiazolin-3-one</td>
<td>2634-33-5</td>
<td>0.1 - &lt;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: Rinse mouth thoroughly.

Inhalation: Move to fresh air.

Skin Contact: 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: Rinse immediately with plenty of water.
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: 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: Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages.
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. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after handling.

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

8. Exposure controls/personal protection

Control Parameters

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Type</th>
<th>Exposure Limit Values</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium salt - Inhalable fraction.</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td>US. ACGIH Threshold Limit Values (2011)</td>
</tr>
<tr>
<td>Calcium salt - 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 salt - 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>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>Titanium dioxide - Respirable fraction.</td>
<td>TWA</td>
<td>15 millions of particles per cubic foot of air</td>
<td>US. OSHA Table Z-3 (29 CFR 1910.1000) (03 2016)</td>
</tr>
<tr>
<td>Titanium dioxide - Total dust.</td>
<td>TWA</td>
<td>15 mg/m3</td>
<td>US. OSHA Table Z-3 (29 CFR 1910.1000) (03 2016)</td>
</tr>
<tr>
<td>Titanium dioxide - Respirable fraction.</td>
<td>TWA</td>
<td>5 mg/m3</td>
<td>US. OSHA Table Z-3 (29 CFR 1910.1000) (03 2016)</td>
</tr>
<tr>
<td>Titanium dioxide - Total dust.</td>
<td>TWA</td>
<td>50 millions of particles per cubic foot of air</td>
<td>US. OSHA Table Z-3 (29 CFR 1910.1000) (03 2016)</td>
</tr>
<tr>
<td>Antimony trioxide - as Sb</td>
<td>TWA</td>
<td>0.5 mg/m3</td>
<td>US. ACGIH Threshold Limit Values (2011)</td>
</tr>
<tr>
<td>Antimony trioxide - as Sb</td>
<td>PEL</td>
<td>0.5 mg/m3</td>
<td>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)</td>
</tr>
<tr>
<td>Ammonium hydroxide</td>
<td>STEL</td>
<td>35 ppm</td>
<td>US. ACGIH Threshold Limit Values (2011)</td>
</tr>
<tr>
<td>Ammonium hydroxide</td>
<td>TWA</td>
<td>25 ppm</td>
<td>US. ACGIH Threshold Limit Values (2011)</td>
</tr>
<tr>
<td>Ammonium hydroxide</td>
<td>PEL</td>
<td>50 ppm 35 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>
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</tr>
<tr>
<td>-----------------------------</td>
<td>----------</td>
<td>-----------------------</td>
<td>------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Calcium salt</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Canada. Alberta OELs (Occupational Health &amp; Safety Code, Schedule 1, Table 2) (07 2009)</td>
</tr>
<tr>
<td>Calcium salt - Inhalable</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 salt - Inhalable</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)</td>
</tr>
<tr>
<td>Calcium salt - 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) (09 2017)</td>
</tr>
<tr>
<td>Calcium salt - Respirable</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)</td>
</tr>
<tr>
<td>Titanium dioxide - 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>Titanium dioxide - Respirable</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>Titanium dioxide</td>
<td>TWA</td>
<td>10 mg/m³</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 mg/m³</td>
<td>Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)</td>
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</table>

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<td>Calcium salt - Total dust.</td>
<td>TWA</td>
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</tr>
<tr>
<td>Calcium salt - STEL</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>Substance</td>
<td>Measurement</td>
<td>Concentration</td>
<td>Source</td>
</tr>
<tr>
<td>---------------------------</td>
<td>-------------</td>
<td>---------------</td>
<td>------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Calcium salt - 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>
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</tr>
<tr>
<td>Calcium salt - Respirable dust.</td>
<td>TWA</td>
<td>5 mg/m3</td>
<td>Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)</td>
</tr>
<tr>
<td>Calcium salt - 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) (09 2017)</td>
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<td>Titanium dioxide - Total dust.</td>
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<td>Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)</td>
</tr>
<tr>
<td>Antimony trioxide - as Sb</td>
<td>TWA</td>
<td>0.5 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>Antimony trioxide - as Sb</td>
<td>TWA</td>
<td>0.5 mg/m3</td>
<td>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)</td>
</tr>
<tr>
<td>Antimony trioxide - as Sb</td>
<td>TWA</td>
<td>0.5 mg/m3</td>
<td>Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (09 2017)</td>
</tr>
<tr>
<td>Ammonium hydroxide</td>
<td>STEL</td>
<td>35 ppm</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>Ammonium hydroxide</td>
<td>TWA</td>
<td>25 ppm</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>Formaldehyde</td>
<td>TWA</td>
<td>0.3 ppm</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>Formaldehyde</td>
<td>CEILING</td>
<td>1 ppm</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>Formaldehyde</td>
<td>STEL</td>
<td>1 ppm</td>
<td>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>CEV</td>
<td>1.5 ppm</td>
<td>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)</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: 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. Contaminated work clothing should not be allowed out of the workplace. Avoid contact with skin.

9. Physical and chemical properties

Appearance
Physical state: liquid
Form: liquid
Color: White
Odor: Mild
Odor threshold: No data available.
pH: 8 - 9
Melting point/freezing point: 0 °C 32 °F
Initial boiling point and boiling range: 100 °C 212 °F
Flash Point: > 93 °C > 199 °F
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: 1.3445
Solubility(ies)
  Solubility in water: Miscible with water.
  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: Strong acids. Avoid contact with oxidizing agents (e.g. nitric acid, peroxides and chromates). Strong bases.
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
  Inhalation: In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes.
  Skin Contact: May cause an allergic skin reaction.
  Eye contact: Eye contact is possible and should be avoided.
  Ingestion: May be ingested by accident. Ingestion may cause irritation and malaise.

Symptoms related to the physical, chemical and toxicological characteristics
  Inhalation: No data available.
  Skin Contact: No data available.
### Information on toxicological effects

#### Acute toxicity (list all possible routes of exposure)

**Oral**
- **Product:** ATEmix: 81,680.67 mg/kg

**Dermal**
- **Product:** Not classified for acute toxicity based on available data.

**Specified substance(s):**
- **Antimony trioxide**
  - LD 50 (Rabbit): > 8,300 mg/kg
- **Sodium Benzoate**
  - LD 50 (Rabbit): > 2,000 mg/kg

**Inhalation**
- **Product:** Not classified for acute toxicity based on available data.

**Specified substance(s):**
- **Titanium dioxide**
  - LC 50 (Rat): 3.43 mg/l
- **Antimony trioxide**
  - LC Lo (Rat): > 20.1 mg/l
- **Sodium Benzoate**
  - LC 50 (Rat): > 12,200 mg/m3

**Repeated dose toxicity**
- **Product:** No data available.

**Skin Corrosion/Irritation**
- **Product:** No data available.

**Specified substance(s):**
Titanium dioxide in vivo (Rabbit): Not irritant  Experimental result, Supporting study
Chlorinated paraffin in vivo (Rabbit): Not irritant  Experimental result, Key study
Isobutyric acid polymer in vivo (Rabbit): Category 3  Experimental result, Key study
Antimony trioxide in vivo (Rabbit): Not irritant  Experimental result, Key study
Sodium Benzoate in vivo (Rabbit): Not irritant  Experimental result, Key study

### Serious Eye Damage/Eye Irritation

**Product:** No data available.

**Specified substance(s):**

- **Titanium dioxide**  Rabbit, 24 hrs: Not irritating
- **Chlorinated paraffin**  Rabbit, 1 d: Not irritating
- **Isobutyric acid polymer**  Rabbit, 24 hrs: Slightly irritating
- **Antimony trioxide**  Rabbit, 24 - 72 hrs: Not irritating
- **Sodium Benzoate**  Rabbit, 24 hrs: R36

### Respiratory or Skin Sensitization

**Product:** No data available.

### Carcinogenicity

**Product:** May cause cancer. Suspected of causing cancer.

### IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

- **Titanium dioxide**  Overall evaluation: Possibly carcinogenic to humans.
- **Chlorinated paraffin**  Overall evaluation: Possibly carcinogenic to humans.
- **Antimony trioxide**  Overall evaluation: Possibly carcinogenic to humans.

### US. National Toxicology Program (NTP) Report on Carcinogens:

- **Chlorinated paraffin**  Reasonably Anticipated to be a Human Carcinogen.


No carcinogenic components identified
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.

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):
Chlorinated paraffin LC 50 (Fathead minnow (Pimephales promelas), 96 h): > 100 mg/l Mortality
Antimony trioxide LC 50 (Fathead minnow (Pimephales promelas), 96 h): > 80 mg/l Mortality
Sodium Benzoate LC 50 (Fathead minnow (Pimephales promelas), 96 h): > 100 mg/l Mortality
1,2-Benzisothiazolin-3-one LC 50 (Bleak (Alburnus alburnus), 96 h): 8 - 13 mg/l Mortality

Aquatic Invertebrates
Product: No data available.

Specified substance(s):
Titanium dioxide
EC 50 (Water flea (Daphnia magna), 48 h): > 1,000 mg/l Intoxication

Antimony trioxide
EC 50 (Water flea (Daphnia magna), 24 h): 453.8 - 726.3 mg/l Intoxication
LC 50 (Water flea (Daphnia magna), 24 h): > 530 mg/l Mortality
LC 50 (Water flea (Daphnia magna), 48 h): > 530 mg/l Mortality

1,2-Benzisothiazolin-3-one
LC 50 (Water flea (Ceriodaphnia dubia), 48 h): > 10 - 20 mg/l Mortality

**Chronic hazards to the aquatic environment:**

**Fish**
**Product:** No data available.

**Specified substance(s):**
Chlorinated paraffin
NOAEL (Oncorhynchus mykiss, 60 d): >= 3.8 mg/l Experimental result, Supporting study
NOAEL (Oncorhynchus mykiss, 60 d): >= 4 mg/l Experimental result, Key study
NOAEL (Alburnus alburnus, 14 d): > 0.125 mg/l Experimental result, Key study

Antimony trioxide
LOAEL (Menidia beryllina): 4.08 mg/l Not specified, Not specified
NOAEL (Oreochromis mossambicus, 16 d): < 9.5 mg/l Read-across from supporting substance (structural analogue or surrogate), Not specified
NOAEL (Pimephales promelas, 28 d): 4.5 mg/l Read-across from supporting substance (structural analogue or surrogate), Key study
NOAEL (Menidia beryllina): 2.23 mg/l Not specified, Not specified
LOAEL (Cyprinus carpio, 28 d): +/- 4 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):**
Octhilione

Bluegill (Lepomis macrochirus), Bioconcentration Factor (BCF): 165 (Flow through)

Partition Coefficient n-octanol / water (log Kow)

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)

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>OSHA hazard(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formaldehyde</td>
<td>Acute toxicity</td>
</tr>
<tr>
<td></td>
<td>Skin irritation</td>
</tr>
<tr>
<td></td>
<td>Skin sensitization</td>
</tr>
<tr>
<td></td>
<td>Flammability</td>
</tr>
<tr>
<td></td>
<td>respiratory tract irritation</td>
</tr>
<tr>
<td></td>
<td>Respiratory sensitization</td>
</tr>
<tr>
<td></td>
<td>Cancer</td>
</tr>
<tr>
<td></td>
<td>Eye irritation</td>
</tr>
</tbody>
</table>

CERCLA Hazardous Substance List (40 CFR 302.4):

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Reportable quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antimony trioxide</td>
<td>1000 lbs.</td>
</tr>
<tr>
<td>Ammonium hydroxide</td>
<td>1000 lbs.</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>100 lbs.</td>
</tr>
<tr>
<td>Ethyl alcohol</td>
<td>100 lbs.</td>
</tr>
</tbody>
</table>

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate (Acute) Health Hazards
Delayed (Chronic) Health Hazard
Respiratory or Skin Sensitization
Carcinogenicity

SARA 302 Extremely Hazardous Substance

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Reportable quantity</th>
<th>Threshold Planning Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formaldehyde</td>
<td>100 lbs.</td>
<td>500 lbs.</td>
</tr>
</tbody>
</table>

SARA 304 Emergency Release Notification

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Reportable quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antimony trioxide</td>
<td>1000 lbs.</td>
</tr>
<tr>
<td>Ammonium hydroxide</td>
<td>1000 lbs.</td>
</tr>
<tr>
<td>Zinc, bis[1-(hydroxy-κO)-2(1H)-pyridinethionato-κS2]-, (T-4)-</td>
<td></td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>100 lbs.</td>
</tr>
<tr>
<td>Ethyl alcohol</td>
<td>100 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>Formaldehyde</td>
<td>500lbs</td>
</tr>
<tr>
<td>Calcium salt</td>
<td>10000 lbs</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>10000 lbs</td>
</tr>
<tr>
<td>Chlorinated paraffin</td>
<td>10000 lbs</td>
</tr>
<tr>
<td>Isobutyric acid polymer</td>
<td>10000 lbs</td>
</tr>
<tr>
<td>Antimony trioxide</td>
<td>10000 lbs</td>
</tr>
<tr>
<td>Sodium Benzoate</td>
<td>10000 lbs</td>
</tr>
<tr>
<td>Ammonium hydroxide</td>
<td>10000 lbs</td>
</tr>
<tr>
<td>Ochthione</td>
<td>10000 lbs</td>
</tr>
<tr>
<td>1,2-Benzisothiazolin-3-one</td>
<td>10000 lbs</td>
</tr>
</tbody>
</table>

### SARA 313 (TRI Reporting)

#### Chemical Identity
- Chlorinated paraffin
- Antimony trioxide

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

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Reportable quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formaldehyde</td>
<td>lbs</td>
</tr>
</tbody>
</table>

### 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**

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

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

#### Chemical Identity
- Calcium salt
- Titanium dioxide
- Chlorinated paraffin
- Antimony trioxide

**US. Massachusetts RTK - Substance List**

#### Chemical Identity
- Calcium salt
- Titanium dioxide
- Chlorinated paraffin
- Formaldehyde

**US. Pennsylvania RTK - Hazardous Substances**

#### Chemical Identity
- Calcium salt
- Titanium dioxide
US. Rhode Island RTK

Chemical Identity
Calcium salt
Titanium dioxide

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) : 31 g/l
VOC Method 310 : 1.32 %
**Inventory Status:**  
- **Australia AICS:** 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.
- **Canada DSL Inventory List:** One or more components in this product are not listed on or exempt from the Inventory.
- **US TSCA Inventory:** 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:** | 03/05/2019 |
| **Version #:**     | 1.2        |
| **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. |