

# SAFETY DATA SHEET

## 1. Identification

**Material name:** TREMPRO SILICONE SEALANT (CPSC)

**Material:** TR876046 320; TRM876043 801

**Recommended use:** Sealant

### Manufacturer/Importer/Supplier/Distributor Information

Tremco CPG Inc.  
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

### Precautions:

WARNING! Vapor harmful. Causes nose, throat, eye and irritation. May cause dizziness. May be harmful if swallowed.

Avoid contact with eyes and skin. Do not breath dust, vapors or spray mist. Do not take internally. Wash face, hands and any exposed skin thoroughly after handling. Use with adequate ventilation.

### Response:

If exposed or concerned: Get medical advice/attention.

### 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.

## 3. Composition/information on ingredients

Chemical Identity	CAS number	Content in percent (%)*
Polydimethylsiloxane, trimethyl endcap	63148-62-9	10 - <25%
Titanium dioxide	13463-67-7	1 - <2.5%
Amorphous silica	7631-86-9	0.1 - <1%
Stearic acid	57-11-4	0.1 - <1%
Toluene	108-88-3	0.1 - <1%
Aluminum oxide	1344-28-1	0 - <1%
Octamethylcyclotetrasiloxane	556-67-2	0.01 - <0.1%

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

## 4. First-aid measures

### Description of necessary first-aid measures

**Inhalation:**

Move to fresh air.

<b>Skin Contact:</b>	Wash skin thoroughly with soap and water. Get medical attention if symptoms occur.
<b>Eye contact:</b>	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.
<b>Ingestion:</b>	Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
<b>Personal Protection for First-aid Responders:</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Most important symptoms/effects, acute and delayed**

<b>Symptoms:</b>	May cause skin and eye irritation.
<b>Hazards:</b>	No data available.

**Indication of immediate medical attention and special treatment needed**

<b>Treatment:</b>	Symptoms may be delayed.
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**5. Fire-fighting measures**

<b>General Fire Hazards:</b>	No unusual fire or explosion hazards noted.
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**Suitable (and unsuitable) extinguishing media**

<b>Suitable extinguishing media:</b>	Use fire-extinguishing media appropriate for surrounding materials.
<b>Unsuitable extinguishing media:</b>	Do not use water jet as an extinguisher, as this will spread the fire.

<b>Specific hazards arising from the chemical:</b>	During fire, gases hazardous to health may be formed.
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**Special protective equipment and precautions for firefighters**

<b>Special fire fighting procedures:</b>	No data available.
<b>Special protective equipment for fire-fighters:</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**6. Accidental release measures**

<b>Personal precautions, protective equipment and emergency procedures:</b>	No data available.
<b>Accidental release measures:</b>	In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

**Methods and material for containment and cleaning up:**

Collect spillage in containers, seal securely and deliver for disposal according to local 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.

**7. Handling and storage****Safe handling advice:**

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.

**Safe storage conditions:**

Store locked up. Store in a well-ventilated place. Store in a cool place.

**8. Exposure controls/personal protection****General information:**

Use personal protective equipment as required.

**Hygiene measures:**

Observe good industrial hygiene practices. Wash hands after handling the product.

**9. Physical and chemical properties****Appearance**

<b>Physical state:</b>	solid
<b>Form:</b>	Paste
<b>Color:</b>	White
<b>Odor:</b>	Mild pungent
<b>pH:</b>	No data available.
<b>Melting point/freezing point:</b>	No data available.
<b>Initial boiling point and boiling range:</b>	No data available.
<b>Flash Point:</b>	No data available.
<b>Evaporation rate:</b>	Slower than Ether
<b>Vapor density:</b>	Vapors are heavier than air and may travel along the floor and in the bottom of containers.
<b>Relative density:</b>	1.31
<b>Solubility in water:</b>	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.

<b>Conditions to avoid:</b>	Avoid heat or contamination.
<b>Incompatible Materials:</b>	Epoxides. Avoid contact with acids and oxidizing substances. Isocyanates.
<b>Hazardous Decomposition Products:</b>	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation:</b>	In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes.
<b>Skin Contact:</b>	May be harmful in contact with skin.
<b>Eye contact:</b>	Eye contact is possible and should be avoided.
<b>Ingestion:</b>	May be harmful if swallowed.

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

Titanium dioxide Overall evaluation: Possibly carcinogenic to humans.

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

No carcinogenic components identified

### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:

No carcinogenic components identified

## 12. Ecological information

### Ecotoxicity:

#### Acute hazards to the aquatic environment:

##### Fish

**Product:** No data available.

##### Specified substance(s):

Polydimethylsiloxane, trimethyl endcap	LC 50 (Redear sunfish ( <i>Lepomis microlophus</i> ), 96 h): 26.27 - 56.73 mg/l Mortality
Titanium dioxide	LC 50 ( <i>Pimephales promelas</i> , 96 h): 8.2 mg/l Read-across from supporting substance (structural analogue or surrogate), Supporting study
Toluene	LC 50 ( <i>Pimephales promelas</i> , 96 h): 26 mg/l Not specified, Not specified
Aluminum oxide	LC 50 ( <i>Pimephales promelas</i> , 96 h): 1.16 mg/l Experimental result, Weight of Evidence study
Octamethylcyclotetrasiloxane	LC 50 ( <i>Oncorhynchus mykiss</i> , 96 h): > 22 µg/l Experimental result, Key study

##### Aquatic Invertebrates

**Product:** No data available.

##### Specified substance(s):

Polydimethylsiloxane, trimethyl endcap	LC 50 (Water flea ( <i>Daphnia magna</i> ), 48 h): 44.5 mg/l Mortality
Titanium dioxide	EC 50 (Water flea ( <i>Daphnia magna</i> ), 48 h): > 1,000 mg/l Intoxication

Stearic acid	EC 50 (Daphnia magna, 48 h): > 4.8 mg/l Read-across based on grouping of substances (category approach), Weight of Evidence study
Toluene	LC 50 (Ceriodaphnia dubia, 2 d): 3.78 mg/l Experimental result, Key study
Aluminum oxide	EC 50 (Ceriodaphnia dubia, 48 h): 1.5 mg/l Experimental result, Weight of Evidence study

#### Chronic hazards to the aquatic environment:

##### Fish

**Product:** No data available.

##### Specified substance(s):

Toluene NOAEL (Pimephales promelas): 4 mg/l Experimental result, Supporting study

##### Aquatic Invertebrates

**Product:** No data available.

##### Specified substance(s):

Toluene NOAEL (Ceriodaphnia dubia): 0.74 mg/l Experimental result, Key study  
Aluminum oxide NOAEL (Daphnia magna): 1.89 mg/l Experimental result, Weight of Evidence study  
Octamethylcyclotetrasiloxane NOAEL (Daphnia magna): 7.9 µg/l Experimental result, Key study

### 13. Disposal considerations

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

### 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. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)

None present or none present in regulated quantities.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended**

<u>Chemical Identity</u>	<u>OSHA hazard(s)</u>
Benzene	Blood respiratory tract irritation Central nervous system Flammability Cancer Skin Aspiration Eye

**CERCLA Hazardous Substance List (40 CFR 302.4):**

<u>Chemical Identity</u>	<u>Reportable quantity</u>
Toluene	1000 lbs.
2-Butylamine	1000 lbs.
Cyclohexylamine	100 lbs.
Acetic acid	5000 lbs.
Benzene	10 lbs.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

- Immediate (Acute) Health Hazards
- Delayed (Chronic) Health Hazard
- Acute toxicity (any route or exposure)
- Carcinogenicity
- Reproductive toxicity

**US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances**

Not regulated.

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required**

Not regulated.

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

<u>Chemical Identity</u>	<u>Reportable quantity</u>
Cyclohexylamine	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**



**WARNING**

Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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

Calcium carbonate  
Polydimethylsiloxane-hydroxy terminated  
Polydimethylsiloxane, trimethyl endcap  
Titanium dioxide  
Amino Silane  
Amorphous silica  
Stearic acid  
Toluene  
Aluminum oxide  
Octamethylcyclotetrasiloxane

**US. Massachusetts RTK - Substance List****Chemical Identity**

Calcium carbonate  
Titanium dioxide  
Cyclohexylamine

**US. Pennsylvania RTK - Hazardous Substances****Chemical Identity**

Calcium carbonate  
Titanium dioxide

**US. Rhode Island RTK****Chemical Identity**

Calcium carbonate  
Titanium dioxide

**VOC:**

Regulatory VOC (less water and  
exempt solvent) : 2 g/l

VOC Method 310 : 0.12 %

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

**Revision Date:** 08/15/2022

**Version #:** 1.0

**Disclaimer:** 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.