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## SAFETY DATA SHEET

## 1. Identification

Material name: TREMSIL 200 CLEAR w/FUNGICIDE-30 CTG

Material: 97180065 323

Recommended use and restriction on use

Recommended use: Sealant Restrictions on use: Not known.

Manufacturer/Importer/Supplier/Distributor Information

Tremco U.S Sealants 3735 Green Road Beachwood OH 44122

US

Contact person:EH&S DepartmentTelephone:216-292-5000

**Emergency telephone number:** 1-800-424-9300 (US); 1-613-996-6666 (Canada)

## 2. Hazard(s) identification

#### **Hazard Classification**

#### **Health Hazards**

Acute toxicity (Dermal) Category 4
Acute toxicity (Inhalation - dust and Category 4

mist)

Carcinogenicity Category 1A

## **Unknown toxicity - Health**

Acute toxicity, oral 77.48 %
Acute toxicity, dermal 80.48 %
Acute toxicity, inhalation, vapor 100 %
Acute toxicity, inhalation, dust 92.5 %

or mist

## **Environmental Hazards**

Acute hazards to the aquatic Category 3

environment

Chronic hazards to the aquatic Category 3

environment

## **Unknown toxicity - Environment**

Acute hazards to the aquatic 87.48 %

environment

Chronic hazards to the aquatic 87.48 %

environment



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#### **Label Elements**

## **Hazard Symbol:**



Signal Word: Danger

**Hazard Statement:** Harmful in contact with skin or if inhaled.

May cause cancer.

Harmful to aquatic life with long lasting effects.

Precautionary Statements

**Prevention:** Obtain special instructions before use. Do not handle until all safety

precautions have been read and understood. Avoid breathing

dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment

as required.

**Response:** IF ON SKIN: Wash with plenty of soap and water. Wash contaminated

clothing before reuse. Call a POISON CENTER or doctor/ physician if you feel unwell. Specific measures (see supplemental first aid instructions on this label). IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention.

Storage: Store locked up.

**Disposal:** Dispose of contents/ container to an approved facility in accordance with

local, regional, national and international regulations.

Hazard(s) not otherwise classified (HNOC):

None.

## 3. Composition/information on ingredients

## **Mixtures**

Chemical Identity	CAS number	Content in percent (%)*
Distillates, petroleum, hydrotreated middle	64742-46-7	5 - <10%
Silicon dioxide, amorphous	112945-52-5	5 - <10%
Ethyltriacetoxysilane	17689-77-9	1 - <5%
Acetic acid	64-19-7	1 - <3%
Octhilione	26530-20-1	0.01 - <0.1%



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\* 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.

**Skin Contact:** Wash skin thoroughly with soap and water. Call a POISON

CENTER/doctor if you feel unwell.

**Eye contact:** Remove contact lenses, if present and easy to do. Continue rinsing.

Rinse cautiously with water for several minutes. If eye irritation

persists: Get medical advice/attention.

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

**Personal Protection for First-**

aid Responders:

Self-contained breathing apparatus and full protective clothing must

be worn in case of fire.

Most important symptoms/effects, acute and delayed

**Symptoms:** May cause skin and eye irritation.

**Hazards:** No data available.

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



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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.

Accidental release measures: 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:** 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

## Handling

Technical measures (e.g. Local and general ventilation):

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.

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. Avoid contact with eyes, skin, and clothing. 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.

Contact avoidance measures: No data available.

**Hygiene measures:** Avoid contact with skin. Observe good industrial hygiene practices. Wash

hands before breaks and immediately after handling the product.

**Storage** 

Safe storage conditions: Store locked up.

Safe packaging materials: No data available.

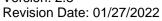
## 8. Exposure controls/personal protection

#### **Control Parameters**

**Occupational Exposure Limits** 

Chemical Identity	Туре	Exposure Limit Values	Source
Distillates, petroleum, hydrotreated middle - Inhalable fraction.	TWA	5 mg/m3	US. ACGIH Threshold Limit Values, as amended (03 2014)
Distillates, petroleum, hydrotreated middle - Mist.	PEL	5 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006)
Silicon dioxide, amorphous	TWA	20 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (2000)
	TWA	0.8 mg/m3	US. OSHA Table Z-3 (29 CFR 1910.1000), as

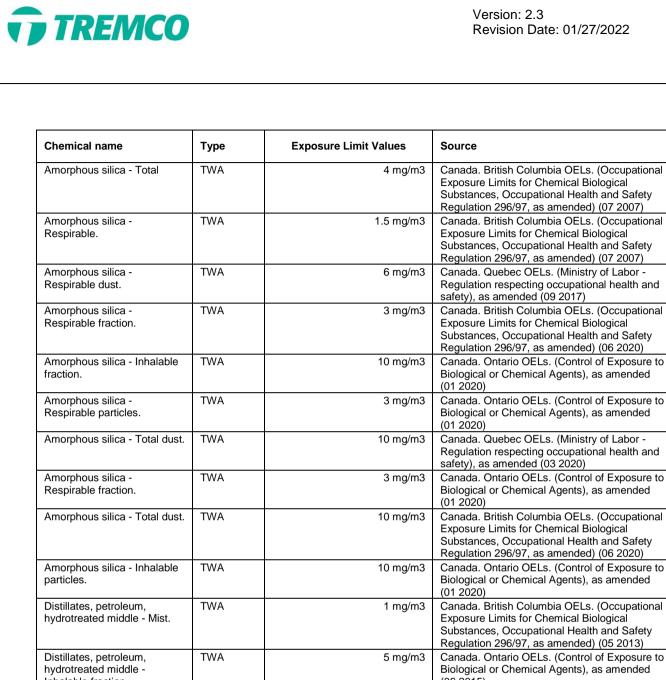






				amended (2000)
Acetic acid	TWA	10 ppm		US. ACGIH Threshold Limit Values, as
				amended (2011)
	STEL	15 ppm		US. ACGIH Threshold Limit Values, as
				amended (2011)
	PEL	10 ppm	25 mg/m3	US. OSHA Table Z-1 Limits for Air
			_	Contaminants (29 CFR 1910.1000), as
				amended (02 2006)

Chemical name	Туре	Exposure Limit Values	Source
Distillates, petroleum, hydrotreated middle - Mist.	TWA	1 mg/m3	Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Biological Substances, Occupational Health and Safety Regulation 296/97, as amended) (05 2013)
Distillates, petroleum, hydrotreated middle - Inhalable fraction.	TWA	5 mg/m3	Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (06 2015)
Distillates, petroleum, hydrotreated middle - Mist.	STEL	10 mg/m3	Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended (09 2017)
	TWA	5 mg/m3	Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended (09 2017)
	TWA	0.2 mg/m3	Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Biological Substances, Occupational Health and Safety Regulation 296/97, as amended) (06 2020)





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Acetic acid	TWA	10 ppm	25 mg/m3	Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended (09 2017)
	STEL	15 ppm	37 mg/m3	Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended (09 2017)
	TWA	10 ppm		Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended (03 2020)

**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

**Eye/face protection:** Wear safety glasses with side shields (or goggles).

**Skin Protection** 

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

**Skin and Body Protection:** 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:** Avoid contact with skin. Observe good industrial hygiene practices. Wash

hands before breaks and immediately after handling the product.

## 9. Physical and chemical properties

## **Appearance**

Physical state: solid
Form: Paste
Color: Colorless
Odor: Pungent

Odor threshold:

pH:

No data available.

Slower than Ether

Flammability (solid, gas): No Upper/lower limit on flammability or explosive limits

Flammability limit - upper (%):

Flammability limit - lower (%):

Explosive limit - upper:

No data available.

No data available.

Explosive limit - lower:

No data available.



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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: 1.01

Solubility(ies)

Solubility in water: Practically Insoluble Solubility (other): No data available.

Partition coefficient (n-octanol/water): No data available.

Auto-ignition temperature:

Decomposition temperature:

Viscosity:

No data available.

No data available.

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. Amines. 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

In high concentrations, vapors, fumes or mists may irritate nose, throat and

mucus membranes.

**Skin Contact:** Harmful in contact with skin. Causes mild skin irritation.

**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.

**Eye contact:** No data available.

**Ingestion:** No data available.



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## Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral

**Product:** ATEmix: 9,723.48 mg/kg

**Dermal** 

**Product:** ATEmix: 1,835.61 mg/kg

Inhalation

**Product:** ATEmix: 1.72 mg/l

Repeated dose toxicity

**Product:** No data available.

**Skin Corrosion/Irritation** 

**Product:** No data available.

Specified substance(s):

Distillates, petroleum, hydrotreated middle

in vivo (Rabbit): Irritating, 24 - 72 h

Ethyltriacetoxysilane in vivo (Rabbit): Category 1B, 24 - 72 h

Acetic acid in vivo (Rabbit): Slightly irritating, 72 h

Serious Eye Damage/Eye Irritation

**Product:** No data available.

Specified substance(s):

Distillates, petroleum, hydrotreated middle

Rabbit, 24 hrs: Not irritating

Ethyltriacetoxysilane Rabbit, 24 - 72 hrs: Not irritating

Respiratory or Skin Sensitization

**Product:** No data available.

Carcinogenicity

**Product:** No data available.



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

Distillates, petroleum,

Overall evaluation: Not classifiable as to carcinogenicity to humans. Overall

evaluation: Carcinogenic to humans.

hydrotreated middle

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

Distillates,

Known To Be Human Carcinogen.

petroleum, hydrotreated middle

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

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:



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Fish

**Product:** No data available.

Specified substance(s):

Distillates, petroleum, hydrotreated middle

LL 50 (Oncorhynchus mykiss, 96 h): 1.13 mg/l QSAR QSAR, Key study

Ethyltriacetoxysilane LC 50 (Danio rerio, 96 h): 251 mg/l Experimental result, Key study

Acetic acid LC 50 (Oncorhynchus mykiss, 96 h): > 1,000 mg/l Experimental result, Key

study

Octhilione LC 50 (Oncorhynchus mykiss, 96 h): 0.047 mg/l

**Aquatic Invertebrates** 

**Product:** No data available.

Specified substance(s):

Distillates, petroleum, hydrotreated middle

EC 50 (Daphnia magna, 48 h): 7.385 mg/l QSAR QSAR, Key study

Ethyltriacetoxysilane EC 50 (Daphnia magna, 48 h): 65 mg/l Experimental result, Weight of

Evidence study

Acetic acid EC 50 (Daphnia magna, 48 h): 65,000 µg/l

EC 50 (Daphnia magna, 48 h): > 1,000 mg/l Experimental result, Key study

## Chronic hazards to the aquatic environment:

**Fish** 

**Product:** No data available.

Specified substance(s):

Distillates, petroleum, hydrotreated middle

NOAEL (Oncorhynchus mykiss): 0.069 mg/l QSAR QSAR, Key study

**Aquatic Invertebrates** 

**Product:** No data available.

Specified substance(s):

Distillates, petroleum, hydrotreated middle

NOAEL (Daphnia magna): 0.163 mg/l QSAR QSAR, Key study

Ethyltriacetoxysilane NOAEL (Daphnia magna): >= 100 mg/l Read-across from supporting

substance (structural analogue or surrogate), Key study

Acetic acid NOAEL (Daphnia magna): 22.7 mg/l Experimental result, Not specified

**Toxicity to Aquatic Plants** 

**Product:** No data available.

#### Persistence and Degradability

## **Biodegradation**



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**Product:** No data available.

Specified substance(s):

Distillates, petroleum, hydrotreated middle

41.96 % Detected in water. Experimental result, Key study

Ethyltriacetoxysilane 79.5 % (28 d) Detected in water. Experimental result, Key study

79.5 % (28 d) Detected in water. Read-across from supporting substance

(structural analogue or surrogate), Key study

Acetic acid 96 % (20 d) Detected in water. Experimental result, Key study

**BOD/COD Ratio** 

**Product:** No data available.

**Bioaccumulative potential** 

**Bioconcentration Factor (BCF)** 

**Product:** No data available.

Specified substance(s):

Acetic acid Various, Aquatic sediment QSAR, Key study

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

through)

Partition Coefficient n-octanol / water (log Kow)

**Product:** No data available.

Specified substance(s):

Acetic acid Log Kow: -0.17

Mobility in soil: No data available.

Other adverse effects: Harmful to aquatic life with long lasting effects.

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.

Contaminated Packaging: No data available.

## 14. Transport information

TDG:

Not Regulated

CFR / DOT:



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Not Regulated

#### IMDG:

Not Regulated

#### **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. 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

None present or none present in regulated quantities.

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

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

Acetic acid 5000 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

# 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. EPCRA (SARA Title III Section 313 Toxic Chemical Release Inventory (TRI) Reporting Not regulated.

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

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.

## **US State Regulations**

## **US. California Proposition 65**

No ingredient requiring a warning under CA Prop 65.



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

## **Chemical Identity**

Proprietary ingredients in Wacker Elastosil 5103P series (Codes 28939, 28940, 28961, 28962, 28963, 28964, 28965)

Amorphous silica
Distillates, petroleum, hydrotreated middle
Silicon dioxide, amorphous
Ethyltriacetoxysilane
Acetic acid
Octhilione

#### US. Massachusetts RTK - Substance List

## **Chemical Identity**

Amorphous silica Distillates, petroleum, hydrotreated middle Silicon dioxide, amorphous Acetic acid

#### US. Pennsylvania RTK - Hazardous Substances

## **Chemical Identity**

Amorphous silica
Distillates, petroleum, hydrotreated middle
Silicon dioxide, amorphous
Acetic acid

## **US. Rhode Island RTK**

## **Chemical Identity**

Amorphous silica
Distillates, petroleum, hydrotreated middle
Acetic acid

## International regulations

## **Montreal protocol**

Not applicable

#### Stockholm convention

Not applicable

## **Rotterdam convention**

Not applicable

#### **Kyoto protocol**

Not applicable

## VOC:

Regulatory VOC (less water and : 21 g/l

exempt solvent)

VOC Method 310 : 2.03 %



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**Inventory Status:** 

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.

Canada NDSL Inventory: 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.

Japan ISHL Listing: One or more components in this

product are not listed on or exempt

from the Inventory.

Japan Pharmacopoeia Listing:

One or more components in this

product are not listed on or exempt

from the Inventory.

Mexico INSQ: One or more components in this

product are not listed on or exempt

from the Inventory.

Ontario Inventory: One or more components in this

product are not listed on or exempt

from the Inventory.

Taiwan Chemical Substance Inventory: One or more components in this

product are not listed on or exempt

from the Inventory.

Australia Industrial Chem. Act (AIIC): One or more components in this

product are not listed on or exempt

from the Inventory.

Canada DSL Inventory List: All components in this product are

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



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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.

Philippines PICCS: One or more components in this

product are not listed on or exempt

from the Inventory.

Switzerland New Subs Notified/Registered:

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

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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.