



**TREMSIL 200 CLEAR W/O FUNGICIDE**

Version 1.  
REVISION DATE: 07/20/2007

Print Date 05/27/2008

**SECTION 1 - PRODUCT IDENTIFICATION**

Trade name : TREMSIL 200 CLEAR W/O FUNGICIDE  
 Product code : 9715005 323

COMPANY : Tremco Incorporated  
 3735 Green Road  
 Cleveland, OH 44122

Telephone : (216) 292-5000 8:30 - 5:00 EST  
 Emergency Phone: : (216) 765-6727 8:30 - 5:00 EST  
 After Hours: Chemtrec 1-800-424-9300

Product use : Sealant

**SECTION 2 - HAZARDS IDENTIFICATION**

**Emergency Overview**

Transparent. Non-sag gunnable paste. May cause moderate irritation to the respiratory system. May cause nausea, headaches, and dizziness. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

**Acute Potential Health Effects/ Routes of Entry**

Inhalation : May cause moderate irritation to the respiratory system. May cause nausea, headaches, and dizziness.  
 Eyes : Direct contact may cause severe irritation.  
 Ingestion : May cause irritation to the mouth, throat and stomach. May cause tooth erosion and slight irritation.  
 Skin : May cause moderate irritation.

**Aggravated Medical Conditions**

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

**Chronic Health Effects**

As a by product of curing, acetic acid is produced. Acetic acid is a severe eye, skin and mucus membrane irritant and may cause burns with repeated or prolonged contact. Chronic exposure can cause bronchitis and pharyngeal edema. Acetic acid may cause tooth erosion from tooling. Organosilane may cause liver injury with fibrosis after repeated and prolonged overexposure. Fillers are encapsulated and not expected to be released from product under normal conditions of use. Prolonged or repeated exposure to mineral spirits (petroleum naphtha or stoddard solvent) may cause defatting, drying, and irritation of the skin, dermatitis, central nervous system (CNS) effects, and adverse liver, kidney, and lung effects.

**Target Organs:** Skin, Eye, Ingestion

**SECTION 3 - PRODUCT COMPOSITION**

Chemical Name	CAS-No.	Weight %
Silicone polymer	NJ TSRN# 51721300-5110P	40.0 - 70.0
Distillates, petroleum, hydrotreated middle	64742-46-7	15.0 - 40.0
Polydimethylsiloxane, trimethyl endcap	63148-62-9	10.0 - 30.0

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Amorphous silica  
Ethyltriacetoxysilane7631-86-9  
17689-77-910.0 - 30.0  
1.0 - 5.0**SECTION 4 - FIRST AID MEASURES**

Get immediate medical attention for any significant overexposure.

- Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
- Eye contact : Flush with water for at least 15 minutes while holding eye lids apart. Get medical attention immediately.
- Skin contact : Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately.
- Ingestion : Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

**SECTION 5 - FIRE FIGHTING MEASURES**

- Flash point : > 149 °C, > 300 °F
- Method : Tag closed cup
- Lower explosion limit : Not available.
- Upper explosion limit : Not available.
- Autoignition temperature : Not available.
- Extinguishing media : If water fog is ineffective, use carbon dioxide, dry chemical or foam.
- Hazardous combustion products : Smoke, fumes. Carbon monoxide and carbon dioxide can form.
- Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
- Fire and explosion conditions : This product not expected to ignite under normal conditions of use.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Use appropriate protective equipment. Avoid contact with material. Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal.

**SECTION 7 - HANDLING AND STORAGE**

Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Store in sealed containers in a cool, dry, ventilated warehouse location.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Personal protection equipment**

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- Respiratory protection : Wear NIOSH/MSHA approved vapor respirator with appropriate cartridge when the vapor concentration is expected to exceed exposure limits indicated on the MSDS. Follow manufacturer's directions for respirator use.
- Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.
- Eye protection : Use safety glasses if eye contact is likely.
- Protective measures : Use professional judgment in the selection, care, and use.
- Engineering measures : Use general ventilation and/ or local exhaust to reduce the airborne contaminant concentration below the exposure limit listed in the MSDS

**Exposure Limits**

<b>Chemical Name</b>	<b>CAS Number</b>	<b>Regulation</b>	<b>Limit</b>	<b>Form</b>
Amorphous silica	7631-86-9	ACGIH TWA:	3 mg/m <sup>3</sup>	Respirable particles.
		ACGIH TWA:	10 mg/m <sup>3</sup>	Inhalable particles.
		OSHA PEL:	15 mg/m <sup>3</sup>	Total dust.
		OSHA PEL:	5 mg/m <sup>3</sup>	Respirable fraction.
		OSHA TWA:	0.8 mg/m <sup>3</sup>	

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

- Form : Non-sag gunnable paste
- Color : Transparent
- Odor : Acetic acid
- pH : Not available.
- Vapour pressure : Not available.
- Vapor density : Heavier than air
- Melting point/range : Not available.
- Freezing point : Not available.
- Boiling point/range : Not available.
- Water solubility : Negligible
- Specific Gravity : 1.015
- % Volatile Weight : 0 %

**SECTION 10 - REACTIVITY / STABILITY**

- Substances to avoid : Water, alcohols, strong oxidizing agents, strong acids and strong bases. Amines.
- Decomposition products : Hydrolyzes slowly with water or moisture to form acetic acid.
- Stability : Stable
- Hazardous polymerization : Will not occur.

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

Amorphous silica, CAS-No.: 7631-86-9

Acute oral toxicity (LD-50 oral)

22,500 mg/kg ( Rat ) 22,500 mg/kg ( Rat ) 15,000 mg/kg ( Mouse )  
15,000 mg/kg ( Mouse )**SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Disposal Method : Waste not regulated under RCRA. Incinerate at EPA approved facility or dispose of waste in compliance with state and local regulations.

**SECTION 14 - TRANSPORTATION / SHIPPING DATA**

TDG / DOT Shipping Description:

NOT REGULATED

**SECTION 15 - REGULATORY INFORMATION****North American Inventories:**

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

**U.S. Federal Regulations:**

SARA 313 Components : None present or none present in regulated quantities.

SARA 311/312 Hazards : Acute Health Hazard

OSHA Hazardous Components :

Amorphous silica 7631-86-9

OSHA Status: Considered : Irritant  
hazardous based on the  
following criteria:

OSHA Flammability : IIIB

Regulatory VOC (less water and : 1 g/l  
exempt solvent)

VOC Method 310 : 0 %

**U.S. State Regulations:**

MASS RTK Components : Amorphous silica

7631-86-9



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 Amorphous silica 7631-86-9

NJ RTK Components : Silicone polymer NJ TSRN# 51721300-5110P  
 Distillates, petroleum, hydrotreated middle 64742-46-7  
 Polydimethylsiloxane, trimethyl endcap 63148-62-9  
 Amorphous silica 7631-86-9  
 Ethyltriacetoxysilane 17689-77-9

WARNING! Contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm:  
 None known.

**SECTION 16 - OTHER INFORMATION**

**HMIS Rating :**

Health	1
Flammability	1
Reactivity	0
PPE	

0 = Minimum  
 1 = Slight  
 2 = Moderate  
 3 = Serious  
 4 = Severe

**Further information:**

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.

**Prepared by: Rich Mikol**

**Legend**

ACGIH - American Conference of Governmental Hygienists  
 CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act  
 DOT - Department of Transportation  
 DSL - Domestic Substance List  
 EPA - Environmental Protection Agency  
 HMIS - Hazardous Materials Information System  
 IARC - International Agency for Research on Cancer  
 MSHA - Mine Safety Health Administration  
 NDSL - Non-Domestic Substance List  
 NIOSH - National Institute for Occupational Safety and Health  
 NTP - National Toxicology Program  
 OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit  
 RCRA - Resource Conservation and Recovery Act  
 RTK - Right To Know  
 SARA - Superfund Amendments and Reauthorization Act  
 STEL - Short Term Exposure Limit  
 TLV - Threshold Limit Value  
 TSCA - Toxic Substances Control Act  
 TWA - Time Weighted Average  
 V - Volume  
 VOC - Volatile Organic Compound  
 WHMIS - Workplace Hazardous Materials Information System