

View Section : 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16**SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION**

(N/A)

Product Name: Trempro 644 Red High Temp
Manufacturer Name: Tremco, Inc.
Address: 3735 Green Road
 Cleveland, OH 44122
 Emergency Phone:
 (216) 765-6727 (8:30 - 5:00 EST)

General Use: Sealant
Business Phone: (216) 292-5000

CHEMTREC Numbers:
For emergencies in the US, call CHEMTREC: 800-424-9300

Hours Of Operation: 8:30 - 5:00 EST
Revision Date: 10/08/2008
 Version: 2

Trade Names: TREMPRO 644 RED HIGH TEMP

HMIS Rating: 0 = Minimum
 1 = Slight
 2 = Moderate
 3 = Serious
 4 = Severe

An Rpm Company

Product Codes: 644689, 312

HMIS

HEALTH	2
FIRE	1
REACTIVITY	1
PPE	

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**SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS**

: (N/A)

Ingredient Name	CAS#	Ingredient Percent
Silicone polymer EC Index Number: 1	Trade Secret	> 60.0% by Weight
	CAS-No.: NJ TSRN## 51721300-5110P	
Treated fumed silica EC Index Number: 1	68583-49-3	15.0 - 40.0% by Weight
Siloxane polymer EC Index Number: 1	68554-67-6	5.0 - 10.0% by Weight
Octamethylcyclotetrasiloxane EC Index Number: 1	556-67-2	1.0 - 5.0% by Weight
Acetoxysilane EC Index Number: 1	Trade Secret	1.0 - 5.0% by Weight
	CAS-No.: NJ TSRN## 51721300-5346P	
Iron oxide EC Index Number: 1	1309-37-1	1.0 - 5.0% by Weight

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**SECTION 3 : HAZARDS IDENTIFICATION**

: (N/A)

Emergency Overview: 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.
Physical State: Non-sag gunnable paste
Color: Red

Applies to All Ingredients :

Route of Exposure:	Inhalation, Eyes, Ingestion, Skin
Potential Health Effects:	
Eye Contact:	Acute: Direct contact may cause severe irritation.
Skin Contact:	Acute: May cause moderate irritation.
Inhalation:	Acute: May cause moderate irritation to the respiratory system. May cause nausea, headaches, and dizziness.
Ingestion:	Acute: May cause irritation to the mouth, throat and stomach. May cause tooth erosion and slight irritation.
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. Fillers are encapsulated and not expected to be released from product under normal conditions of use.
Target Organs:	Skin, Eye, Ingestion
Aggravation of Pre-Existing Conditions:	Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

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: (N/A)

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.
Inhalation:	Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
Ingestion:	Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.
Other First Aid:	Get immediate medical attention for any significant overexposure.

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: (N/A)

Flash Point:	> 300 deg F, > 149 deg C
Flash Point Method:	Tag Closed Cup
Upper Flammable or Explosive Limit:	Not available.
Lower Flammable or Explosive Limit:	Not available.
Auto Ignition Temperature:	Not available.
Extinguishing Media:	If water fog is ineffective, use carbon dioxide, dry chemical or foam.
Hazardous Combustion Byproducts:	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).
Unusual Fire Hazards:	This product not expected to ignite under normal conditions of use.

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: (N/A)

Spill Cleanup 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.
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: (N/A)

Handling:	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.
Storage:	Store in sealed containers in a cool, dry, ventilated warehouse location.

[To Top of page](#)**SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION**

: (N/A)

Engineering Controls:	Use general ventilation and/or local exhaust to reduce the airborne contaminant concentration below the exposure limit listed in the MSDS.
Hand Protection Description:	Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.
Eye/Face Protection:	Use safety glasses if eye contact is likely.
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.
Other Protective:	Use professional judgment in the selection, care, and use.

Ingredient GuidelinesIngredient: Iron oxide

Guideline Type:	OSHA PEL-TWA
Guideline Information:	PEL: 10 mg/m3 Fume.; TWA: 15 mg/m3 Total dust., 5 mg/m3 Respirable fraction.
Guideline Type:	ACGIH TLV-TWA
Guideline Information:	5 mg/m3 Respirable fraction.

**SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES**

: (N/A)

Physical State/Appearance:	Form: Non-sag gunnable paste
Color:	Red
Odor:	Acetic acid
pH:	Not available.
Vapor Pressure:	Not available.
Vapor Density:	Heavier than air
Boiling Point:	Not available.
Freezing Point:	Not available.
Melting Point:	Not available.
Solubility:	Water: Negligible
Specific Gravity:	1.06
Percent Volatile:	Weight: 4%
Volatile Organic Compound Content:	VOC Method 310: 4%
VOC Less H2O & Exempt Solvents:	Regulatory VOC (less water and exempt solvent): 42 g/l

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: (N/A)

Chemical Stability:	Stable.
Incompatibilities with Other Materials:	Substances to avoid: Water, alcohols, strong oxidizing agents, strong acids and strong bases. Amines.
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition Products:	Hydrolyzes slowly with water or moisture to form acetic acid.

[To Top of page](#)**SECTION 11 : TOXICOLOGICAL INFORMATION**

: (N/A)

Toxicological Paragraph:	No Data Available
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: (N/A)

Ecological Paragraph:	No Data Available
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: (N/A)

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

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: (N/A)

DOT Shipping Information:	Shipping Description: NOT REGULATED
Canadian TDG:	Shipping Description: NOT REGULATED

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: (N/A)

Applies to All Ingredients :

TSCA 8(b): Inventory Status:	All components are listed or exempt from the TSCA inventory.
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Section 312 Hazard Category:	SARA 311/312 Hazards:
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Acute:	Yes
Section 313 Toxic Release Form:	SARA 313 Components: None present or none present in regulated quantities.

OSHA 29 CFR 1200:	OSHA Status: Considered hazardous based on the following criteria: Irritant OSHA Flammability: IIIB
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State:	WARNING! Contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm: None known.
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Canada WHMIS:	This product or its components are listed on, or exempt from the Canadian Domestic Substances List.
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Regulatory VOC (less water and exempt solvent): 42 g/l

VOC Method 310: 4%

Silicone polymer :**State:**

U.S. State Regulations:
 Penn RTK Components:
 Chemical Name: Silicone polymer
 Cas Number: NJ TSRN## 51721300-5110P

NJ RTK Components:
 Chemical Name: Silicone polymer
 Cas Number: NJ TSRN## 51721300-5110P

Treated fumed silica :**State:**

U.S. State Regulations:
 Penn RTK Components:
 Chemical Name: Treated fumed silica
 Cas Number: 68583-49-3

NJ RTK Components:
 Chemical Name: Treated fumed silica
 Cas Number: 68583-49-3

Siloxane polymer :**State:**

U.S. State Regulations:
 Penn RTK Components:
 Chemical Name: Siloxane polymer
 Cas Number: 68554-67-6

NJ RTK Components:
 Chemical Name: Siloxane polymer
 Cas Number: 68554-67-6

Octamethylcyclotetrasiloxane :**State:**

U.S. State Regulations:
 NJ RTK Components:
 Chemical Name: Octamethylcyclotetrasiloxane
 Cas Number: 556-67-2

Acetoxysilane :**State:**

U.S. State Regulations:
 NJ RTK Components:
 Chemical Name: Acetoxysilane
 Cas Number: NJ TSRN## 51721300-5346P

Iron oxide :**OSHA 29 CFR 1200:**

OSHA Hazardous Components:
 Chemical Name: Iron oxide
 Cas Number: 1309-37-1

State:

U.S. State Regulations:
 MASS RTK Components:
 Chemical Name: Iron oxide
 Cas Number: 1309-37-1

Penn RTK Components:
 Chemical Name: Iron oxide
 Cas Number: 1309-37-1

NJ RTK Components:
 Chemical Name: Iron oxide
 Cas Number: 1309-37-1

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Health Hazard: 2
 Fire Hazard: 1
 Reactivity: 1

Label Text:

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.

MSDS Revision Date:

10/08/2008
 Version: 2

MSDS Author:

Prepared by: Rich Mikol

HMIS Rating:

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

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