

TREMSTOP ACRYLIC SP RUST RED - 5 GALVersion 1.4
REVISION DATE: 12/21/2007

Print Date 05/02/2008

SECTION 1 - PRODUCT IDENTIFICATION

Trade name : TREMSTOP ACRYLIC SP RUST RED - 5 GAL
 Product code : 905874 805

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**

Rust Red. Non-sag gunnable paste. May cause slight irritation to the respiratory system. 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 slight irritation to the respiratory system.
 Eyes : Slightly irritating.
 Ingestion : May cause irritation to the mouth, throat and stomach.
 Skin : Irritant effect may be delayed.

Aggravated Medical Conditions

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

Chronic Health Effects

Long term overexposure to propylene glycol caused liver abnormalities, kidney damage in laboratory animals. Repeated excessive ingestion may cause central nervous system effects. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

SECTION 3 - PRODUCT COMPOSITION

Chemical Name	CAS-No.	Weight %
Water	7732-18-5	40.0 - 70.0
Acrylic polymer	NJ TSRN# 51721300-5277P	30.0 - 60.0
White mineral oil	8042-47-5	5.0 - 10.0
Amorphous silica	7631-86-9	1.0 - 5.0
Propylene glycol	57-55-6	1.0 - 5.0
Ammonium hydroxide	1336-21-6	- <1.0
Zinc oxide	1314-13-2	- <1.0
Chlorothalonil	1897-45-6	- <1.0
Formaldehyde	50-00-0	- <0.1



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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 15 minutes. If irritation persists, get medical attention.
- Skin contact : Wash with 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 : Not available.
- Method : Not available.
- Burning rate : Non-flammable solid
- Lower explosion limit : Not available.
- Upper explosion limit : Not available.
- Autoignition temperature : Not available.
- Extinguishing media : This product is not expected to burn under normal conditions of use. Use that which is appropriate to the surroundings.
- Hazardous combustion products : Smoke, fumes.
- Protective equipment for firefighters : Not applicable. Product is not expected to burn.
- 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. Scrape up and transfer to appropriate container for disposal. Keep out of water courses.

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. Do not use in confined or poorly ventilated areas. Store in sealed containers in a dry, ventilated warehouse location above freezing.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection equipment

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- Respiratory protection : Not required under normal conditions of use.
- Hand protection : Protect hands with impervious gloves.
- Eye protection : Use safety glasses if eye contact is likely.
- Protective measures : Use professional judgment in the selection, care, and use. Other equipment not normally required.
- Engineering measures : General ventilation is sufficient. Use local exhaust when the general ventilation is inadequate.

Exposure Limits

Chemical Name	CAS Number	Regulation	Limit	Form
Amorphous silica	7631-86-9	ACGIH TWA:	3 mg/m3	Respirable particles.
		ACGIH TWA:	10 mg/m3	Inhalable particles.
		OSHA PEL:	15 mg/m3	Total dust.
		OSHA PEL:	5 mg/m3	Respirable fraction.
		OSHA TWA:	0.8 mg/m3	
Ammonium hydroxide	1336-21-6	ACGIH TWA:	25 ppm	
		ACGIH STEL:	35 ppm	
		OSHA PEL:	35 mg/m3	
Zinc oxide	1314-13-2	ACGIH TWA:	2 mg/m3	Respirable fraction.
		ACGIH STEL:	10 mg/m3	Respirable fraction.
		OSHA PEL:	5 mg/m3	Fume.
		OSHA PEL:	5 mg/m3	Respirable fraction.
		OSHA PEL:	15 mg/m3	Total dust.
		OSHA TWA:	15 mg/m3	Total dust.
		OSHA TWA:	5 mg/m3	Respirable fraction.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- Form : Non-sag gunnable paste
- Color : Rust Red
- Odor : Mild Acrylate
- 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 : Miscible
- Specific Gravity : 1.1
- % Volatile Weight : 48 %

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SECTION 10 - REACTIVITY / STABILITY

Substances to avoid : Oxidizing agents.Strong acids.Strong bases.

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)

Propylene glycol, CAS-No.: 57-55-6

Acute oral toxicity (LD-50 oral)

30,000 mg/kg (Rat) 18,000 mg/kg (Rabbit) 19,000 mg/kg (Dog) 23,900 - 31,800 mg/kg (Mouse) 18,400 - 196,000 mg/kg (Guinea pig)

Ammonium hydroxide, CAS-No.: 1336-21-6

Acute oral toxicity (LD-50 oral)

350 mg/kg (Rat)

Zinc oxide, CAS-No.: 1314-13-2

Acute oral toxicity (LD-50 oral)

7,950 mg/kg (Mouse) 7,950 mg/kg (Mouse)

Chlorothalonil, CAS-No.: 1897-45-6

Acute oral toxicity (LD-50 oral)

10,000 mg/kg (Rat)

Acute dermal toxicity (LD-50 dermal)

10,000 mg/kg (Albino rat)

Formaldehyde, CAS-No.: 50-00-0

Acute oral toxicity (LD-50 oral)

800 mg/kg (Rat) 260 mg/kg (Guinea pig) 100 mg/kg (Rat) 42 mg/kg (Mouse)

Acute inhalation toxicity (LC-50)

0.82 mg/l for 30 min (Rat) 0.48 mg/l for 4 h (Rat) 0.414 mg/l for 4 h (Mouse) 0.4 mg/l for 2 h (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:

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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 : Chlorothalonil 1897-45-6

SARA 311/312 Hazards : Acute Health Hazard

OSHA Hazardous Components :

Amorphous silica	7631-86-9
Ammonium hydroxide	1336-21-6
Zinc oxide	1314-13-2
Chlorothalonil	1897-45-6
Formaldehyde	50-00-0

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

OSHA Flammability : Not Regulated

Regulatory VOC (less water and exempt solvent) : 40 g/l

VOC Method 310 : 1 %

U.S. State Regulations:

MASS RTK Components : Amorphous silica 7631-86-9
 Formaldehyde 50-00-0

Penn RTK Components : Water 7732-18-5
 Acrylic polymer NJ TSRN# 51721300-5277P
 White mineral oil 8042-47-5
 Amorphous silica 7631-86-9
 Propylene glycol 57-55-6

NJ RTK Components : Water 7732-18-5
 Acrylic polymer NJ TSRN# 51721300-5277P
 White mineral oil 8042-47-5
 Amorphous silica 7631-86-9
 Propylene glycol 57-55-6

WARNING! Contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm:

1897-45-6	Chlorothalonil
50-00-0	Formaldehyde
140-88-5	Ethyl Acrylate



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SECTION 16 - OTHER INFORMATION

HMIS Rating :

Health	1
Flammability	0
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