

**TREMLITE SEAM SEALER WHITE 5 GAL**Version 1.2  
REVISION DATE: 05/18/2007

Print Date 10/12/2009

**SECTION 1 - PRODUCT IDENTIFICATION**

Trade name : TREMLITE SEAM SEALER WHITE 5 GAL  
Product code : 346600 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**

White. Non-sag gunnable paste. May cause slight irritation to the respiratory system. May cause nausea, headaches, and dizziness. May cause drowsiness, weakness, and fatigue. May cause allergic respiratory sensitization. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention. Move to fresh air. If required, artificial respiration or administration of oxygen can be performed by trained personnel.

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

Inhalation : May cause slight irritation to the respiratory system. May cause nausea, headaches, and dizziness. May cause drowsiness, weakness, and fatigue. May cause allergic respiratory sensitization.

Eyes : Direct contact may cause mild irritation.

Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.

Skin : May cause sensitization resulting in irritation, itching and redness.

**Aggravated Medical Conditions**

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

**Chronic Health Effects**

Overexposure may cause dermatitis, asthma, skin and respiratory sensitization and decreased lung function. Prolonged or repeated exposure to xylene may cause defatting, drying, and irritation of the skin, dermatitis, central nervous system (CNS) effects, heart muscle sensitization and arrhythmia, hearing loss, and brain, liver, kidney damage. Xylene overexposure may affect fetal development. Di(2-ethylhexyl) phthalate, (dioctyl phthalate) given in the diet, produced increased incidence of liver cancers in female rats and male and female mice. An increased incidence of liver cancers or neoplasms were observed in male rats. The International Agency for Research on Cancer (IARC) has evaluated ethylbenzene and classified it as a possible human carcinogen (Group 2B) based on sufficient evidence for carcinogenicity in experimental animals, but inadequate evidence for cancer in exposed humans. 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, Lung

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**SECTION 3 - PRODUCT COMPOSITION**

Chemical Name	CAS-No.	Weight %
Polyurethane Polymer	NJ TSRN# 51721300-5358P	15.0 - 40.0
Calcium carbonate	471-34-1	15.0 - 40.0
Polyvinyl chloride	9002-86-2	15.0 - 40.0
1,2-Benzenedicarboxylic acid	68515-44-6	5.0 - 10.0
1,2-Benzenedicarboxylic acid	68515-45-7	5.0 - 10.0
1,2-Benzenedicarboxylic acid	111381-89-6	5.0 - 10.0
Stoddard solvent (Mineral Spirits)	8052-41-3	3.0 - 7.0
Titanium dioxide	13463-67-7	1.0 - 5.0
Calcium oxide	1305-78-8	1.0 - 5.0
Xylene	1330-20-7	1.0 - 5.0
Diisodecyl phthalate	26761-40-0	1.0 - 5.0
Ethylbenzene	100-41-4	- <1.0
Isophorone Diisocyanate	4098-71-9	- <1.0
Diocetyl phthalate	117-81-7	- <1.0

**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. Move to fresh air. If required, artificial respiration or administration of oxygen can be performed by trained personnel.
- Eye contact : Flush with water for at least 15 minutes while holding eye lids apart. Get medical attention immediately.
- Skin contact : Clean area of contact thoroughly using 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 : 41 °C, 106 °F
- Method : Not available.
- 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 : Carbon monoxide and carbon dioxide can form. Hydrocyanic acid and nitrogen oxides can form.
- Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).

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### SECTION 6 - ACCIDENTAL RELEASE MEASURES

Use appropriate protective equipment. Avoid contact with material. Scrape up and transfer to appropriate container for disposal.

### SECTION 7 - HANDLING AND STORAGE

Prevent inhalation of vapor, ingestion and contact with skin, eyes and clothing. Preferably use entire contents in one continuous work session. Do not smoke, weld, generate sparks, or use flame near container. Change soiled work clothes frequently. Clean hands thoroughly after handling. Do not store or use near food. Keep container closed when not in use. Since emptied containers retain product residue and vapor, observe precautions even after container is emptied. Store under dry warehouse conditions away from heat and all ignition sources.

### SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Personal protection equipment

- Respiratory protection : Wear appropriate, properly fitted NIOSH/MSHA approved organic vapor or supplied air respirator when airborne contaminant level(s) are expected to exceed exposure limits indicated on the MSDS. Follow manufacturer's directions for respirator use.
- Hand protection : Use suitable impervious nitrile or neoprene gloves and protective apparel to reduce exposure.
- Eye protection : Wear appropriate eye protection. Use safety glasses if eye contact is likely.
- Skin and body protection : Use disposable or impervious clothing if work clothing contamination is likely. Remove and wash contaminated clothing before reuse.
- 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

Chemical Name	CAS Number	Regulation	Limit	Form
Calcium carbonate	471-34-1	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.
Stoddard solvent (Mineral Spirits)	8052-41-3	ACGIH TWA:	100 ppm	
		OSHA PEL:	2,900 mg/m3	
Titanium dioxide	13463-67-7	ACGIH TWA:	10 mg/m3	
		OSHA PEL:	15 mg/m3	Total dust.
		OSHA TWA:	15 mg/m3	Total dust.
		OSHA TWA:	5 mg/m3	Respirable fraction.

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<u>Chemical Name</u>	<u>CAS Number</u>	<u>Regulation</u>	<u>Limit</u>	<u>Form</u>
Calcium oxide	1305-78-8	ACGIH TWA: OSHA PEL: OSHA TWA: OSHA TWA:	2 mg/m3 5 mg/m3 15 mg/m3 5 mg/m3	Total dust. Respirable fraction.
Xylene	1330-20-7	ACGIH TWA: ACGIH STEL: OSHA PEL:	100 ppm 150 ppm 435 mg/m3	
Ethylbenzene	100-41-4	ACGIH TWA: ACGIH STEL: OSHA PEL:	100 ppm 125 ppm 435 mg/m3	
Isophorone Diisocyanate	4098-71-9	ACGIH TWA:	0.005 ppm	
Diocetyl phthalate	117-81-7	ACGIH TWA: OSHA PEL:	5 mg/m3 5 mg/m3	

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Form	: Non-sag gunnable paste
Color	: White
Odor	: PetroleumSolvent
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	: Insoluble
Specific Gravity	: 1.288
% Volatile Weight	: 7 %

**SECTION 10 - REACTIVITY / STABILITY**

Substances to avoid	: Amines.Water or moisture and oxidizing agents.Alcohols.Strong acids.Strong bases.
Stability	: Material is stable under normal storage, handling, and use.
Hazardous polymerization	: Will not occur.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Calcium carbonate, CAS-No.: 471-34-1  
 Acute oral toxicity (LD-50 oral) 6,450 mg/kg ( Rat )

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Xylene, CAS-No.: 1330-20-7

Acute oral toxicity (LD-50 oral) 4,300 mg/kg ( Rat ) 1,590 mg/kg ( Mouse ) 6,670 mg/kg ( Rat ) 3,523 - 8,600 mg/kg ( Rat ) 5,627 mg/kg ( Mouse )

Acute inhalation toxicity (LC-50) 6,350 mg/l for 4 h ( Rat ) 3,907 mg/l for 6 h ( Mouse ) 8,000 mg/l for 4 h ( Rat )

Ethylbenzene, CAS-No.: 100-41-4

Acute oral toxicity (LD-50 oral) 5,460 mg/kg ( Rat ) 3,500 mg/kg ( Rat )

Acute dermal toxicity (LD-50 dermal) 17,800 mg/kg ( Rabbit )

Isophorone Diisocyanate, CAS-No.: 4098-71-9

Acute oral toxicity (LD-50 oral) 1,000 mg/kg ( Rat ) 2,500 mg/kg ( Mouse ) 2,500 mg/kg ( Mouse ) 1,000 mg/kg ( Rat )

Acute inhalation toxicity (LC-50) 0.033 mg/l ( Rat ) 0.123 mg/l ( Rat ) 0.033 mg/l for 4 h ( Rat ) 0.123 mg/l for 4 h ( Rat )

Acute dermal toxicity (LD-50 dermal) 1,060 mg/kg ( Rat ) 1,060 mg/kg ( Rat )

Diocetyl phthalate, CAS-No.: 117-81-7

Acute oral toxicity (LD-50 oral) 25,000 mg/kg ( Rat ) 30,000 mg/kg ( Mouse ) 33,900 mg/kg ( Rabbit ) 26,300 mg/kg ( Guinea pig )

Acute dermal toxicity (LD-50 dermal) 10,000 mg/kg ( Guinea pig ) 25,000 mg/kg ( Rabbit )

**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	:	Xylene	1330-20-7
		Ethylbenzene	100-41-4
		Diocetyl phthalate	117-81-7

SARA 311/312 Hazards : Acute Health Hazard

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## OSHA Hazardous Components :

Calcium carbonate	471-34-1
Stoddard solvent (Mineral Spirits)	8052-41-3
Titanium dioxide	13463-67-7
Calcium oxide	1305-78-8
Xylene	1330-20-7
Ethylbenzene	100-41-4
Isophorone Diisocyanate	4098-71-9
Diocetyl phthalate	117-81-7

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

OSHA Flammability : Not Regulated

Regulatory VOC (less water and : 94 g/l  
exempt solvent)

VOC Method 310 : 7 %

**U.S. State Regulations:**

MASS RTK Components	:	Calcium carbonate	471-34-1
		Stoddard solvent (Mineral Spirits)	8052-41-3
		Titanium dioxide	13463-67-7
		Calcium oxide	1305-78-8
		Xylene	1330-20-7
		Isophorone Diisocyanate	4098-71-9
Penn RTK Components	:	Polyurethane Polymer	NJ TSRN# 51721300-5358P
		Calcium carbonate	471-34-1
		Polyvinyl chloride	9002-86-2
		1,2-Benzenedicarboxylic acid	68515-44-6
		1,2-Benzenedicarboxylic acid	68515-45-7
		1,2-Benzenedicarboxylic acid	111381-89-6
		Stoddard solvent (Mineral Spirits)	8052-41-3
		Titanium dioxide	13463-67-7
		Calcium oxide	1305-78-8
		Xylene	1330-20-7
		Diisodecyl phthalate	26761-40-0
NJ RTK Components	:	Polyurethane Polymer	NJ TSRN# 51721300-5358P
		Calcium carbonate	471-34-1
		Polyvinyl chloride	9002-86-2
		1,2-Benzenedicarboxylic acid	68515-45-7
		1,2-Benzenedicarboxylic acid	68515-44-6
		1,2-Benzenedicarboxylic acid	111381-89-6
		Stoddard solvent (Mineral Spirits)	8052-41-3
		Xylene	1330-20-7

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

100-41-4	Ethylbenzene
117-81-7	Diocetyl phthalate
14808-60-7	Crystalline Silica (Quartz)/ Silica Sand
108-88-3	Toluene



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**SECTION 16 - OTHER INFORMATION**

**HMIS Rating :**

Health	2
Flammability	2
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