

LOCTITE CORPORATION

12/02/01

ROCKY HILL, CONNECTICUT 06067  
EMERGENCY PHONE: (860) 571-5100

MATERIAL SAFETY DATA SHEET

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PST(R) Pipe Sealant With Teflon(R) 567 Thread  
56747

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PST(R) Pipe Sealant With Teflon(R) 567 Thread  
Sealant High Temperature  
Item No.: 56747  
Product Type: Anaerobic

## 2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Bisphenol A fumarate resin	39382-25-7	30-35
Polyglycol dimethacrylate	25852-47-5	20-25
Polyglycol laurate	9004-81-3	20-25
Poly(ethylene)	9002-88-4	5-10
Poly(tetrafluoroethylene)	9002-84-0	5-10
TITANIUM DIOXIDE	13463-67-7	3-5
CUMENE HYDROPEROXIDE*	80-15-9	1-3
N,N-Dialkyltoluidines	613-48-9	1-3
Saccharin	81-07-2	1-3
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	112945-52-5	1-3
Epoxy resin	25068-38-6	0.1-1

\* This component is listed as a SARA Section 313 Toxic Chemical.

## Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Poly(tetrafluoroethylene)	None	None	AEL (DuPont) 5mg/m3 8hr dust
TITANIUM DIOXIDE	10 mg/m3	15 mg/m3 Total dust	None
CUMENE HYDROPEROXIDE	None	None	1ppm (6mg/m3) Skin (WEEL)
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	10 mg/m3 TWA	6 mg/m3 TWA	3 mg/m3 TWA resp. dust

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)
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## 3. HAZARDS IDENTIFICATION

Toxicity: Moderate eye irritant.

Primary Routes of Entry: None known  
 Signs and Symptoms of Exposure: May cause dermatitis on prolonged contact in sensitive individuals  
 Existing Conditions Aggravated by Exposure: None known

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Bisphenol A fumarate resin	ALG IRR	NO	NO	NO
Polyglycol dimethacrylate	ALG IRR	NO	NO	NO
Polyglycol laurate	ALG	NO	NO	NO
Poly(ethylene)	NTO	NO	N/A	NO
Poly(tetrafluoroethylene)	NTO	NO	N/A	NO
TITANIUM DIOXIDE	IRR RES	NO	NO	NO
CUMENE HYDROPEROXIDE	ALG CNS COR IRR MUT	NO	NO	NO
N,N-Dialkyltoluidines	NTO	NO	NO	NO
Saccharin	NTO	NO	N/A	NO
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	NUI	NO	N/A	NO
Epoxy resin	ALG IRR	NO	NO	NO

Abbreviations

N/A Not Applicable  
 CNS Central nervous system  
 IRR Irritant  
 NTO No Target Organs  
 RES Respiratory  
 ALG Allergen  
 COR Corrosive  
 MUT Mutagen  
 NUI Nuisance dust

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.  
 Inhalation: Does not apply  
 Skin Contact: Wash with soap and water.  
 Eye Contact: Flush at least 15 minutes with water. Obtain medical attention.

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5. FIRE FIGHTING MEASURES

Flash Point: More than 200°F Method: Tag Closed Cup  
 Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical  
 Special Firefighting Procedures: Not available  
 Hazardous Products formed by Fire or Thermal Decomp: Irritating organic vapors  
 Unusual Fire or Explosion Hazards: None  
 Explosive Limits:  
 (% by volume in air)Lower: Not available  
 (% by volume in air)Upper: Not available

## 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case of spill or leak: Soak up in an inert absorbent. Store in a partly filled, closed container until disposal.

## 7. HANDLING AND STORAGE

Safe Storage: Store below 100°F  
(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)  
Handling: Avoid prolonged skin contact. Keep away from eyes.

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.  
Skin: Rubber or plastic gloves.  
Ventilation: Does not apply  
Respiratory: NIOSH approved respirator if ventilation is inadequate.

See Section 2 for Exposure Limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White paste  
Odor: Mild  
Boiling Point: More than 300°F  
pH: Does not apply  
Solubility in Water: Slight  
Specific Gravity: 1.14 at 80°F  
Volatile Organic Compound (EPA Method 24): 8.6%; 98.04 grams per liter  
Vapor Pressure: Less than 5mm at 80°F

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

(continued)

Vapor Density: Not available  
Evaporation Rate (Ether = 1): Not available

## 10. STABILITY AND REACTIVITY

Stability: Stable  
Hazardous Polymerization: Will not occur  
Incompatibility: None  
Conditions to Avoid: Not available  
Hazardous Decomposition Products (non-thermal): None

## 11. TOXICOLOGICAL INFORMATION

Oral LD50 greater than 10,000 mg/kg.  
Estimated dermal LD50 greater than 2000 mg/kg.

## 12. ECOLOGICAL INFORMATION

No data available

## 13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Incinerate following EPA and local regulations.  
EPA Hazardous Waste Number: NH - Not a RCRA Hazardous Waste Material

## 14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)  
Domestic Ground Transport  
Proper Shipping Name: Unrestricted  
Hazard Class or Division: Unrestricted  
Identification Number: None  
Marine Pollutant: None  
IATA  
Proper Shipping Name: Unrestricted  
Class or Division: Unrestricted  
UN or ID Number: None

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## 15. REGULATORY INFORMATION

CA Proposition 65: WARNING: This product contains a chemical known to the State of California to cause cancer. Epichlorohydrin

## 16. OTHER INFORMATION

Estimated NFPA(R) Code:  
Health Hazard: 1  
Fire Hazard: 1  
Reactivity Hazard: 1  
Specific Hazard: Does not apply

Estimated HMIS(R) Code:  
Health Hazard: 1\*  
Flammability Hazard: 1  
Reactivity Hazards: 1  
Personal Protection: See Section 8.

NFPA is a registered trademark of the National Fire Protection Assn.  
HMIS is a registered trademark of the National Paint and Coatings Assn.

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