

SLT00042 X35100291-01-0
 SEL00488 X35100246-01-0
 SLT00043 X35100292-01-0

324

LOCTITE CORPORATION

1001 TROUT BROOK CROSSING
 ROCKY HILL, CT 06067-3910
 EMERGENCY PHONE: (860) 571-5100

ISSUED 6/21/00
 11:57:16
 FAX: (860) 571-5465

REC'D JUN 26 2000

MATERIAL SAFETY DATA SHEET

Page 1 of 3

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PST(R) Pipe Sealant 565 Thread Sealant
 Item No.: 56507/56531/56541
 Product Type: Anaerobic

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Polyglycol dimethacrylate	25852-47-5	35-40
Polymeric plasticizer	68332-62-7	25-30
Cellulose ester	9004-36-8	15-20
Poly(tetrafluoroethylene)	9002-84-0	5-10
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	112945-52-5	3-5
TITANIUM DIOXIDE	13463-67-7	3-5
CUMENE HYDROPEROXIDE*	80-15-9	1-3
SACCHARIN	81-07-2	1-3
N,N-Dialkyltoluidines	613-48-9	0.1-1
Poly(ethylene)	9002-88-4	0.1-0.5

* 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
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	10 mg/m3 TWA	6 mg/m3 TWA	3 mg/m3 TWA resp. dust None
TITANIUM DIOXIDE	10 mg/m3	15 mg/m3 Total dust	None
CUMENE HYDROPEROXIDE	None	None	1ppm (6mg/m3) Skin (WEEL)
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	

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
Polyglycol dimethacrylate	ALG IRR	NO	NO	NO
Polymeric plasticizer	No Data	NO	NO	NO
Cellulose ester	NTO	NO	NO	NO
Poly(tetrafluoroethylene)	NTO	NO	N/A	NO
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	NUI	NO	N/A	NO
TITANIUM DIOXIDE	IRR RES	NO	NO	NO
CUMENE HYDROPEROXIDE	ALG CNS COR IRR MUT	NO	NO	NO
SACCHARIN	NTO	NO	2B	NO
N,N-Dialkyltoluidines	NTO	NO	NO	NO
Poly(ethylene)	NTO	NO	N/A	NO

Abbreviations

N/A Not Applicable
 ALG Allergen
 COR Corrosive
 MUT Mutagen
 NUI Nuisance dust
 2B Possibly carcinogenic to humans
 CNS Central nervous system
 IRR Irritant
 NTO No Target Organs
 RES Respiratory

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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.

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. Toxic fluorides.
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: Not available
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: 1.1 at 80°F
Volatile Organic Compound (EPA Method 24): 7.9%; 87 grams per liter
Vapor Pressure: Less than 5mm at 80°F
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): Irritating organic and inorganic vapors. Toxic fluorides.

11. TOXICOLOGICAL INFORMATION

Estimated Oral LD50 greater than 5,000 mg/kg.
Estimated Dermal LD50 greater than 2,000 mg/kg.

12. ECOLOGICAL INFORMATION

No data available

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13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Incinerate or dispose of in approved landfill for non-RCRA materials following local, state and federal 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

15. REGULATORY INFORMATION

CA Proposition 65: This product contains Saccharin. No prop65 hazard warning is necessary if this product is used as reasonably anticipated.

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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