

Loctite(R) PST(R) Pipe Sealant 565 Thread Sealant
56531

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Loctite(R) PST(R) Pipe Sealant 565 Thread Sealant
Controlled Strength
Item No.: 56531
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
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)	

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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
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	N/A	NO
N,N-Dialkyltoluidines	NTO	NO	NO	NO
Poly(ethylene)	NTO	NO	N/A	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.

5. FIRE FIGHTING MEASURES

Flash Point: More than 200°F Method: Tag Closed Cup
Recommended
Extinguishing Agents: Carbon dioxide, foam, dry chemical.

HENKEL LOCTITE CORPORATION

08/18/02

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

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5. FIRE FIGHTING MEASURES

(continued)

Special Firefighting

Procedures: Not available
Hazardous Products formed by Fire or Thermal Decomposition: 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

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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

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: No California Proposition 65 chemicals are known to be present.

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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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