

LOCTITE CORPORATION

1001 TROUT BROOK CROSSING
ROCKY HILL, CT 06067-3910
EMERGENCY PHONE: (860) 571-5100ISSUED 8/31/98
14:01:41
FAX: (860) 571-5465MATERIAL SAFETY DATA SHEET

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Pipe Sealant W/Teflon(R) Medium Strength
PST(R) 592
Item No.: 59214
Part No.: 59214
Product Type: Anaerobic Sealant

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Bisphenol A fumarate resin	39382-25-7	25-30
SILICA, MICA	12001-26-2	15-20
Octanol	111-87-5	10-15
Polyglycol dimethacrylate	25852-47-5	10-15
Polyglycol dioctanoate	18268-70-7	10-15
Poly(tetrafluoroethylene)	9002-84-0	5-10
Silica, amorphous, treated	68909-20-6	3-5
CUMENE HYDROPEROXIDE*	80-15-9	1-3
Organic esters	Proprietary	1-3
TITANIUM DIOXIDE	13463-67-7	1-3

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

The organic esters are registered with the state of New Jersey as a trade secret: NJ TSRN 06-070-1067-5085.

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
SILICA, MICA	3 mg/m ³ TWA respirable dust	3 mg/m ³ TWA respirable dust	None
Poly(tetrafluoroethylene)	None	None	AEL (DuPont) 5mg/m ³ 8hr dust
Silica, amorphous, treated	10 mg/m ³ TWA	5 mg/m ³ TWA	None
TITANIUM DIOXIDE	10 mg/m ³ dust	15 mg/m ³ dust 5 mg/m ³ resp	None
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	

3. HAZARDS IDENTIFICATION

Toxicity: Mild eye irritant.
Oral LD50 more than 10,000 mg/kg.
Dermal LD50 more than 5000 mg/kg.

Primary Routes of Entry: None known

Signs and Symptoms
of Exposure: Intoxication, nausea, headache, dizziness.
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
SILICA, MICA	LUN	NO	NO	NO
Octanol	CNS IRR	NO	NO	NO
Polyglycol dimethacrylate	ALG IRR	NO	NO	NO
Polyglycol dioctanoate	No Data	NO	NO	NO
Poly(tetrafluoroethylene)	No Data	NO	N/A	NO
Silica, amorphous, treated	No Data	NO	NO	NO
CUMENE HYDROPEROXIDE	ALG CNS COR IRR MUT	NO	NO	NO
Organic esters	No Data	NO	NO	NO
TITANIUM DIOXIDE	AC4 IRR NUI	NO	NO	NO

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592143. HAZARDS IDENTIFICATION

(continued)

AbbreviationsN/A Not Applicable
ALG Allergen
COR Corrosive
LUN Lung
NUI Nuisance dustAC4 ACGIH-Unclassifiable as human carc.
CNS Central nervous system
IRR Irritant
MUT Mutagen4. FIRST AID MEASURESIngestion: Do not induce vomiting. Keep individual calm.
Obtain medical attention.
Inhalation: Remove to fresh air. If symptoms persist, obtain
medical attention.
Skin Contact: Wash with soap and water.
Eye Contact: Flush at least 15 minutes with water.
Obtain medical attention.5. FIRE FIGHTING MEASURESFlash 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: Toxic fluorides.
Unusual Fire or Explosion Hazards: NoneExplosive Limits:
(% by volume in air) Lower Approximately 1% Octanol
(% by volume in air) Upper Approximately 8% Octanol6. 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 STORAGESafe Storage: Store below 100°F
(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)
Handling: Avoid prolonged skin contact. Do not use for prolonged periods in confined area without adequate ventilation. Keep away from eyes.8. EXPOSURE CONTROLS, PERSONAL PROTECTIONEyes: Safety glasses or goggles.
Skin: Rubber or plastic gloves.
Ventilation: Local ventilation recommended for prolonged use.
Respiratory: Not available

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIESAppearance: White paste
Odor: Mild
Boiling Point: More than 300°F
pH: Does not apply
Solubility in Water: Slight
Specific Gravity: 1.21 at 80°F
Volatile Organic Compound (EPA Method 24): 15.9%; 204.5 grams per liter
Vapor Pressure: Less than 10mm at 80°F
Vapor Density: Not available

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592149. PHYSICAL AND CHEMICAL PROPERTIES

(continued)

Evaporation Rate
(Ether = 1) Not available10. STABILITY AND REACTIVITYStability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: None
Conditions to Avoid: Not available
Hazardous Decomposition
Products (non-thermal): None11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONSRecommended methods of disposal: Incinerate following EPA and local regulations.
EPA Hazardous Waste Number: NH - Not a RCRA Hazardous Waste Material14. TRANSPORTATION INFORMATIONDOT (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: None15. REGULATORY INFORMATION

CA Proposition 65: No Prop65 chemicals are known to be present.

16. OTHER INFORMATIONEstimated NFPA(R) Code:
Health Hazard: 1
Fire Hazard: 1
Reactivity Hazard: 1
Specific Hazard: Does not applyEstimated 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.Prepared By: Stephen Repetto
Title: Research Chemist- Safety, Health & Regulatory Affairs
Company: Loctite Corp., 1001 Tr Br Cr, Rocky Hill CT 06067
(24hr.) Phone: (860) 571-5100
Revision Date: April 15, 1997 Revision: 0029