

1139

LOCTITE CORPORATION

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

ISSUED 8/24/00  
47:54  
FAX: (860) 571-5465

REC'D SEP 05 2000

MATERIAL SAFETY DATA SHEET

SELO0217

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: 579 Instant Seal Pipe Sealant  
Item No.: 57941  
Product Type: Anaerobic

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Bisphenol A fumarate resin	39382-25-7	30-35
SILICA, MICA	12001-26-2	20-25
Polyglycol dioctanoate	18268-70-7	15-20
Polyglycol dimethacrylate	25852-47-5	10-15
Alkyl C12 methacrylate	142-90-5	5-15
Alkyl C14 methacrylate	2549-53-3	3-5
Alkyl C16 methacrylate	2495-27-4	1-3
CUMENE HYDROPEROXIDE*	80-15-9	1-3
SACCHARIN	81-07-2	0.1-1
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	112945-52-5	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
SILICA, MICA	3 mg/m3 TWA	20 mppcf	None
Alkyl C12 methacrylate	None	None	50ppm
Alkyl C14 methacrylate	None	None	50 ppm TWA 75 ppm STEL
Alkyl C16 methacrylate	None	None	50 ppm
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)

3. HAZARDS IDENTIFICATION

Toxicity: Possible eye irritant.  
Estimated oral LD50 greater than 5,000 mg/kg.  
Estimated dermal LD50 greater than 2000 mg/kg.  
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
SILICA, MICA	LUN	NO	NO	NO
Polyglycol dioctanoate	NTO	NO	NO	NO
Polyglycol dimethacrylate	ALG IRR	NO	NO	NO
Alkyl C12 methacrylate	ALG IRR	NO	NO	NO
Alkyl C14 methacrylate	ALG IRR	NO	NO	NO
Alkyl C16 methacrylate	ALG IRR	NO	NO	NO
CUMENE HYDROPEROXIDE	ALG CNS COR IRR MUT	NO	NO	NO
SACCHARIN	NTO	NO	2B	NO
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	NUI	NO	N/A	NO

Abbreviations

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

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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: Flush with 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  
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 with 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: Brown liquid  
Odor: Mild  
Boiling Point: More than 300°F  
pH: Does not apply  
Solubility in Water: Slight  
Specific Gravity: 1.10 at 80°F  
Volatile Organic Compound (EPA Method 24): 15.3%  
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): None

11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Incinerate following EPA and local regulations.

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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: 2  
Fire Hazard: 1  
Reactivity Hazard: 1  
Specific Hazard: Does not apply

Estimated HMIS(R) Code:  
Health Hazard: 2  
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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