

Loctite(R) 573 Flange Sealant Medium Strength
26392

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Loctite(R) 573 Flange Sealant Medium Strength
 Item No.: 26392
 Product Type: Anaerobic

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Bisphenol A fumarate resin	39382-25-7	20-25
Polyglycol dimethacrylate	25852-47-5	20-25
Polyglycol dioctanoate	18268-70-7	20-25
SILICA, MICA	12001-26-2	15-20
Poly(tetrafluoroethylene)	9002-84-0	5-10
CUMENE HYDROPEROXIDE*	80-15-9	1-3
Dyed melamine resin	39277-28-6	1-3
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	112945-52-5	1-3
Saccharin	81-07-2	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
Poly(tetrafluoroethylene)	None	None	AEL (DuPont) 5mg/m3 8hr dust
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: Eye irritant.
 Estimated oral LD50 more than 5000 mg/kg.
 Estimated dermal LD50 more than 2000 mg/kg.

Primary Routes of Entry: None known

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3. HAZARDS IDENTIFICATION

(continued)

Signs and Symptoms

of Exposure: May cause dermatitis on prolonged contact in sensitive individuals.

Existing Conditions

Aggravated by Exposure: Melamine resin: respiratory allergies or diseases.

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 dioctanoate	IRR	NO	NO	NO
SILICA, MICA	LUN	NO	NO	NO
Poly(tetrafluoroethylene)	NTO	NO	N/A	NO
CUMENE HYDROPEROXIDE	ALG CNS COR IRR MUT	NO	NO	NO
Dyed melamine resin	No Data	NO	NO	NO
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	NUI	NO	N/A	NO
Saccharin	NTO	NO	N/A	NO

Abbreviations

N/A Not Applicable	ALG Allergen
CNS Central nervous system	COR Corrosive
IRR Irritant	LUN Lung
MUT Mutagen	NTO No Target Organs
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
Special Firefighting

Procedures: Not available

Hazardous Products formed
by Fire or Thermal Decomposition: Toxic fluorides.

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5. FIRE FIGHTING MEASURES

(continued)

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: Green paste

Odor: Mild

Boiling Point: More than 300°F

pH: Does not apply

Solubility in Water: Slight

Specific Gravity 1.2 at 80°F

Volatile Organic Compound

(EPA Method 24) 5.9%; 71 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

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10. STABILITY AND REACTIVITY (continued)

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.
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:

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16. OTHER INFORMATION

(continued)

Health Hazard: 1
Flammability Hazard: 1
Reactivity Hazards: 1
Personal Protection: See Section 8.

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

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