

LOCTITE CORPORATION

12/02/01

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

MATERIAL SAFETY DATA SHEET

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Removable Threadlocker 242(R)
24205

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Removable Threadlocker 242(R)
Item No.: 24205
Product Type: Anaerobic

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Polyglycol dimethacrylate	25852-47-5	60-65
Polyglycol oleate	9004-96-0	25-30
Saccharin	81-07-2	3-5
CUMENE HYDROPEROXIDE*	80-15-9	1-3
Propylene glycol	57-55-6	1-3
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	112945-52-5	1-3
N,N-Dialkyltoluidines	613-48-9	0.1-1
TITANIUM DIOXIDE	13463-67-7	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
CUMENE HYDROPEROXIDE	None	None	1ppm(6mg/m3) Skin(WHEEL)
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
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	

3. HAZARDS IDENTIFICATION

Toxicity: Mild eye irritant. Propylene glycol is a mild skin irritant.
Primary Routes of Entry: Eye, skin contact.
Signs and Symptoms of Exposure: May cause dermatitis on prolonged contact in sensitive individuals.

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3. HAZARDS IDENTIFICATION

(continued)

Existing Conditions
 Aggravated by Exposure: Propylene glycol: dermatitis.

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Polyglycol dimethacrylate	ALG IRR	NO	NO	NO
Polyglycol oleate	IRR	NO	NO	NO
Saccharin	NTO	NO	N/A	NO
CUMENE HYDROPEROXIDE	ALG CNS COR IRR MUT	NO	NO	NO
Propylene glycol	IRR	NO	NO	NO
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	NUI	NO	N/A	NO
N,N-Dialkyltoluidines	NTO	NO	NO	NO
TITANIUM DIOXIDE	IRR RES	NO	NO	NO

Abbreviations

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

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.
 Inhalation: Does not apply.
 Skin Contact: Wash thoroughly 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; oxides of carbon.
 Unusual Fire or
 Explosion Hazards: None
 Explosive Limits:

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5. FIRE FIGHTING MEASURES (continued)

(% by volume in air)Lower Propylene glycol: 2.6%
 (% by volume in air)Upper Propylene glycol: 12.5%

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case

of spill or leak: Soak up in an inert absorbant. 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: Neoprene, rubber, or butyl rubber gloves.
 Ventilation: Does not apply
 Respiratory: Does not apply.

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue liquid
 Odor: Mild
 Boiling Point: More than 300°F
 pH: Does not apply
 Solubility in Water: Slight
 Specific Gravity: 1.1 at 75°F
 Volatile Organic Compound (EPA Method 24): 7.478%; 82.3 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: Strong oxidizers, free radical initiators, inert gases.
 Conditions to Avoid: None known.
 Hazardous Decomposition Products (non-thermal): None

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11. TOXICOLOGICAL INFORMATION

Oral LD50 more than 10000 mg/kg.
 Dermal LD50 more than 5000 mg/kg.

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

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.

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16. OTHER INFORMATION

(continued)

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

Prepared By: Stephen Repetto
 Title: Research Chemist - Health & Regulatory Affairs
 Company: Loctite Corporation
 1001 Trout Brook Crossing, Rocky Hill CT 06067
 (24hr.) Phone: (860) 571-5100
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