

24241 Threadlocker  
24241

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: 24241 Threadlocker  
Medium Strength  
Item No.: 24241  
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 (WEEL)
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.

Product Name: 24241 Threadlocker  
Medium Strength  
Item No.: 24241

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	

HENKEL LOCTITE CORPORATION

08/18/02

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

MATERIAL SAFETY DATA SHEET

Page 03 of 05

Product Name:	24241 Threadlocker Medium Strength
Item No.:	24241

5. FIRE FIGHTING MEASURES

(continued)

Explosive Limits:	
(% 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) 4.478%; 49.3 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.

HENKEL LOCTITE CORPORATION

08/18/02

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

MATERIAL SAFETY DATA SHEET

Page 04 of 05

Product Name: 24241 Threadlocker  
Medium Strength  
Item No.: 24241

10. STABILITY AND REACTIVITY

(continued)

Hazardous Decomposition  
Products (non-thermal): None

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:

HENKEL LOCTITE CORPORATION

08/18/02

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

MATERIAL SAFETY DATA SHEET

Page 05 of 05

Product Name: 24241 Threadlocker  
Medium Strength  
Item No.: 24241

16. OTHER INFORMATION

(continued)

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 - Health & Regulatory Affairs  
Company: Loctite Corporation  
1001 Trout Brook Crossing, Rocky Hill CT 06067  
(860) 571-5100  
(24hr.) Phone: (860) 571-5100  
Revision Date: January 27, 1999 Revision: 0033

**application assistance . browse catalog . troubleshooting . equipment**  
**datasheets . distributor locator . what's new . career opportunities**  
**about loctite . contact loctite . literature . loctite world wide . search . home**

copyright © 1997-2000 Loctite