

AVON, OH 44011  
 TELEPHONE: (440) 937-7000

MATERIAL SAFETY DATA SHEET

Loctite Threadlocker Blue  
 01-24200

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Loctite Threadlocker Blue  
 Item No.: 01-24200  
 Part No.: 01-24200  
 Product Type: Anaerobic

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Polyglycol dimethacrylate	25852-47-5	60-100
Polyglycol oleate	9004-96-0	10-30
SACCHARIN	81-07-2	1-5
CUMENE HYDROPEROXIDE*	80-15-9	1-5
Propylene glycol	57-55-6	1-5
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	112945-52-5	1-5

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
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.

AVON, OH 44011  
TELEPHONE: (440) 937-7000

MATERIAL SAFETY DATA SHEET

Product Name: Loctite Threadlocker Blue  
Item No.: 01-24200

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	2B	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

Abbreviations

N/A Not Applicable	2B Possibly carcinogenic to humans
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 200øF 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

AVON, OH 44011  
TELEPHONE: (440) 937-7000

MATERIAL SAFETY DATA SHEET

Product Name: Loctite Threadlocker Blue  
Item No.: 01-24200

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 absorbent. Store in a partly filled, closed container until disposal.

7. HANDLING AND STORAGE

Safe Storage: Store below 100øF  
(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: Not available

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue liquid  
Odor: Mild  
Boiling Point: More than 300øF  
pH: Does not apply  
Solubility in Water: Slight  
Specific Gravity: 1.1 at 75øF  
Volatile Organic Compound (EPA Method 24) 4.48%; 49.3grams per liter  
Vapor Pressure: Less than 5mm at 80øF  
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: Not available

AVON, OH 44011  
TELEPHONE: (440) 937-7000

MATERIAL SAFETY DATA SHEET

Product Name: Loctite Threadlocker Blue  
Item No.: 01-24200

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: 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:

AVON, OH 44011  
TELEPHONE: (440) 937-7000

MATERIAL SAFETY DATA SHEET

Product Name: Loctite Threadlocker Blue  
Item No.: 01-24200

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:

Company: Regulatory Affairs - North America,

Henkel Consumer Adhesives, 32150 Just Imagine Dr, Avon OH 44011

(24hr.) Phone: (440) 937-7000