

HENKEL CONSUMER ADHESIVES

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

02/27/08 rev 10/1/08

MATERIAL SAFETY DATA SHEET

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High Strength Threadlocker Red Automotive Grade

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: High Strength Threadlocker Red Automotive Grade
IDH: 209741
Product Type: Anaerobic

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Polyglycol dimethacrylate	25852-47-5	65-70
Bisphenol A fumarate resin	39382-25-7	20-25
Saccharin	81-07-2	3-5
CUMENE HYDROPEROXIDE*	80-15-9	1-3
N,N-Dialkyltoluidines	613-48-9	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
CUMENE HYDROPEROXIDE	None	None	1ppm (6mg/m3) Skin (WEEL)
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	

3. HAZARDS IDENTIFICATION

Toxicity:

Eye irritant.

Inhalation irritant to respiratory tract.

Estimated oral LD50 more than 5000mg/kg

Estimated dermal LD50 more than 2000mg/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

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3. HAZARDS IDENTIFICATION

(continued)

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Polyglycol dimethacrylate	ALG IRR	NO	NO	NO
Bisphenol A fumarate resin	ALG IRR	NO	NO	NO
Saccharin	NTO	NO	N/A	NO
CUMENE HYDROPEROXIDE	ALG CNS COR IRR MUT	NO	NO	NO
N,N-Dialkyltoluidines	NTO	NO	NO	NO

Abbreviations

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

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.

Inhalation: Remove to fresh air. If symptoms develop, seek medical attention.

Skin Contact: Flush with water.

Eye Contact: Flush at least 15 minutes with water holding eyelids open. 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

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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:
(Contact Loctite Customer
Handling:

Store below 100 deg. F
Service 1-800-243-4874 for shelf life information)
Avoid contact with eyes, skin, and clothing. Avoid
breathing vapor and mist.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes:
Skin:
Ventilation:
Respiratory

Safety glasses or goggles.
Neoprene, rubber, or butyl rubber gloves.
Does not apply
Use NIOSH approved respirator if there is potential to
exceed exposure limits.

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Red 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) 0.8177%; 7.8053 g/l
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. Strong acids. Strong reducing agents.
Copper, iron and rust.
Conditions to Avoid: Not available
Hazardous Decomposition
Products (non-thermal): Oxides of carbon, sulfur, and nitrogen. Irritating
organic vapors. Phenols.

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11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of
disposal:

Dispose of according to federal, state, and local
government 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 a chemical known to the state of
California to cause cancer.

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.

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Prepared by:

Regulatory Affairs

Company:

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