

149567 Part# 81504  
 EPOXY,2-HRS,SYRINGE,1-OZ#81504  
 3416000 HENKEL CONSUMER  
 ADHESIVES  
 Buyer: Bernard W. Aubuchon Jr.

HENKEL CONSUMER ADHESIVES

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

MATERIAL SAFETY DATA SHEET

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Loctite(R) Extra Time Epoxy  
 01-81504

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Loctite(R) Extra Time Epoxy  
 Item No.: 01-81504  
 Part No.: QM-60  
 Product Type: Epoxy

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
RESIN		
Epoxy resin	25068-38-6	85-90
Nonylphenol	25154-52-3	10-15
HARDENER		
Polyamide resin	68410-23-1	60-65
DIETHYLENETRIAMINE	111-40-0	15-20
PHENOL, 4,4'-ISOPROPYLIDENEDI-*	80-05-7	10-15
Epoxy resin	25068-38-6	5-10

\* 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
RESIN			
HARDENER			
DIETHYLENETRIAMINE	1 ppm skin 4.2mg/m3 skin	1 ppm TWA 4mg/m3	None
PHENOL, 4,4'-ISOPROPYLIDENEDI-	None	None	10 mg/m3
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	
RESIN			
HARDENER			

3. HAZARDS IDENTIFICATION

Toxicity: Eye and skin irritant. May irritate upper respiratory tract. May cause skin burns and corneal injury resulting in permanent impairment of vision including blindness. May cause

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3. HAZARDS IDENTIFICATION

(continued)

Primary Routes of Entry: sensitization of skin and respiratory tract.  
 Ingestion, skin, inhalation  
 Signs and Symptoms of Exposure: Eye or skin irritation or injury. Allergic responses such as sensitization or dermatitis.  
 Existing Conditions Aggravated by Exposure: None known

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
RESIN				
Epoxy resin	ALG IRR	NO	NO	NO
Nonylphenol	ALG COR IRR KID	NO	NO	NO
HARDENER				
Polyamide resin	NR	NO	NO	NO
DIETHYLENETRIAMINE	ALG EYE IRR	NO	NO	NO
PHENOL, 4,4'-ISOPROPYLIDENEDI-	ALG BLO IRR KID SPL	NO	NO	NO
Epoxy resin	ALG IRR	NO	NO	NO

Abbreviations

ALG Allergen	BLO Blood
COR Corrosive	EYE Eyes
IRR Irritant	KID Kidney
NR No Records	SPL Spleen

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.  
 Inhalation: RESIN: Not Applicable  
 HARDENER: Remove to fresh air. If symptoms persist, obtain medical attention.  
 Skin Contact: Wash immediately with soap and water. Do not use solvents for cleaning skin.  
 Eye Contact: Flush copiously with water and get prompt medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: More than 200°F Method: Tag Closed Cup  
 Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical

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## 5. FIRE FIGHTING MEASURES

(continued)

Special Firefighting  
Procedures:

Not available

Hazardous Products formed  
by Fire or Thermal Decomp

Before use, amine vapors may be evolved at high  
temperatures; oxides of carbon; unidentified  
organic compounds.

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:

Avoid skin contact. Scrape up as much as possible.  
Clean residues with solvent or soap and water.

## 7. HANDLING AND STORAGE

Safe Storage:

Store below 100°F

(Contact Loctite Customer

Service 1-800-243-4874 for shelf life information)

Handling:

Avoid skin contact. Keep away from eyes.

Do not breath vapors.

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes:

Safety glasses or goggles.

Skin:

Rubber or plastic gloves.

Ventilation:

Sufficient to maintain vapor concentration  
below TLV.

Respiratory

Not available

See Section 2 for Exposure Limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Yellowish, viscous liquid.

Odor:

Mild

Boiling Point:

More than 300°F

pH:

Not Applicable

Solubility in Water:

Slight

Specific Gravity

Resin 1.16, Hardener 0.98

Volatile Organic Compound

(EPA Method 24)

5.5% Resin

18.5% Hardener

Vapor Pressure:

Less than 5mm

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

(continued)

Vapor Density: Not available  
Evaporation Rate  
(Ether = 1) Not Available

## 10. STABILITY AND REACTIVITY

Stability: Stable  
Hazardous Polymerization: Will not occur  
Incompatibility: Strong oxidizers, acids, chlorinated hydrocarbons.  
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: Consumer Commodity (Not more than four liters);  
Corrosive liquids, basic, organic, n.o.s.  
(Contains diethylenetriamine)  
(More than four liters)

Hazard Class or  
Division: ORM-D (Not more than four liters);  
Class 8, Packing Group III (More than four liters)

Identification Number: None (Not more than four liters);  
UN 3267 (More than four liters)

Marine Pollutant: Nonylphenol

## IATA

Proper Shipping Name: Corrosive liquids, basic, organic, n.o.s.  
(Contains diethylenetriamine)

Class or Division: Class 8, Packing Group III  
UN or ID Number: UN 3267

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15. REGULATORY INFORMATION

CA Proposition 65: No Prop65 chemicals are known to be present.

16. OTHER INFORMATION

Estimated NFPA(R) Code:  
Health Hazard: 2  
Fire Hazard: 1  
Reactivity Hazard: 1  
Specific Hazard: Does not apply

Estimated HMIS(R) Code:  
Health Hazard: 2  
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:  
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