

MATERIAL SAFETY DATA SHEET

Loctite(R) Part A - Activator  
 37438A

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Loctite(R) Part A - Activator  
 Item No.: 37438A Part of Kit: 37438  
 Product Type: Primer

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
n-HEXANE*	110-54-3	95-100
Organo-copper compound	22221-10-9	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
n-HEXANE	50 ppmTWA(skin)	500 ppm TWA 1800 mg/M3	None
Organo-copper compound	Cu 0.2mg/m3fume Cu 1 mg/m3 dust	Cu 0.1mg/m3 Cu 1 mg/m3 dust	None

  

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)

3. HAZARDS IDENTIFICATION

Toxicity: Eye, skin, inhalation, and gastrointestinal irritant. Moderately toxic by ingestion.  
 Primary Routes of Entry: Inhalation, skin contact.  
 Signs and Symptoms of Exposure: Coughing, chest pains, difficulty breathing, lung irritation, edema (which can be fatal), gastrointestinal disturbances, nausea, headache, vomiting, narcosis, coma, and asphyxia.  
 Existing Conditions Aggravated by Exposure: Central and peripheral nervous systems, vision defects, memory diminution.

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
n-HEXANE	DEV IRR LUN NER REP	NO	NO	NO
Organo-copper compound	NTO	NO	NO	NO

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3. HAZARDS IDENTIFICATION

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Abbreviations

DEV Developmental	IRR Irritant
LUN Lung	NER Nervous System
NTO No Target Organs	REP Reproductive

4. FIRST AID MEASURES

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

Inhalation: Remove to fresh air, apply artificial respiration  
if necessary, obtain medical attention.

Skin Contact: Wash with mild soap and water.

Eye Contact: Flush eyes with water for at least 15 minutes.  
Obtain medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: 7°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 Oxides of carbon.

Unusual Fire or  
Explosion Hazards: Vapors may travel considerable to source of  
ignition and flash back.

Explosive Limits:  
(% by volume in air)Lower 1.2%  
(% by volume in air)Upper 7.7%

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case  
of spill or leak: Maintain adequate ventilation. Extinguish all  
sources of ignition. Absorb in an inert absorbent.  
Store in a metal container until disposal.

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7. HANDLING AND STORAGE

Safe Storage: Store away from sources of ignition. Keep  
containers closed when not in use. Avoid exposure  
to direct sunlight.  
(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)  
Handling: Avoid skin contact. Keep away from eyes.  
Avoid inhalation of vapors.  
Do not use near sources of ignition.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.  
Skin: Rubber or plastic gloves.  
Ventilation: Sufficient to maintain vapor concentration below  
TLV. Ventilation should be explosion proof.  
Respiratory Not available

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Green liquid  
Odor: Aliphatic  
Boiling Point: 156°F  
pH: Does not apply  
Solubility in Water: Slight  
Specific Gravity 0.7  
Volatile Organic Compound  
(EPA Method 24) Not available  
Vapor Pressure: 132 mm Hg at 68°F  
Vapor Density: 3.0  
Evaporation Rate  
(Ether = 1) 9.2

10. STABILITY AND REACTIVITY

Stability: Stable  
Hazardous Polymerization: Will not occur  
Incompatibility: Strong oxidizing agents.  
Conditions to Avoid: Not available  
Hazardous Decomposition  
Products (non-thermal): None

11. TOXICOLOGICAL INFORMATION

See Section 3.

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12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Incinerate following EPA and local regulations.  
EPA Hazardous Waste Number: D001 - Hazardous waste per 40CFR 261.21

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)

Domestic Ground Transport

Proper Shipping Name: Consumer Commodity (Not more than one liter);  
Hexanes solution (More than one liter)  
Hazard Class or Division: ORM-D (Not more than one liter);  
Class 3, Packing Group II (More than one liter)  
Identification Number: None (Not more than one liter);  
UN 1208 (More than one liter)  
Marine Pollutant: None

IATA

Proper Shipping Name: Consumer Commodity (Not more than 500 ml);  
Hexanes solution (More than 500 ml)  
Class or Division: Class 9 (Not more than 500 ml);  
Class 3, Packing Group II (More than 500 ml)  
UN or ID Number: ID 8000 (Not more than 500 ml);  
UN 1208 (More than 500 ml)

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: 3  
Reactivity Hazard: 0  
Specific Hazard: Does not apply

Estimated HMIS(R) Code:

Health Hazard: 1  
Flammability Hazard: 3  
Reactivity Hazards: 0  
Personal Protection: See Section 8.

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16. OTHER INFORMATION

(continued)

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

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