

MATERIAL SAFETY DATA SHEET

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Loctite Quick Set 5 minute Epoxy Instant Mix
01-06924

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Loctite Quick Set 5 minute Epoxy Instant Mix
Item No.: 01-06924
Product Type: Epoxy

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
RESIN		
Bisphenol A epoxy resin	25068-38-6	60-100
HARDENER		
Mercaptan terminated polymer	Proprietary*	60-100
*New Jersey trade secret registry number	33611900-5145KP	
Modified Amine	52338-87-1	0-20

3. HAZARDS IDENTIFICATION

Toxicity: Causes eye and skin irritation.
May cause sensitization by skin contact.
May cause respiratory tract irritation.

Primary Routes of Entry: Ingestion, skin, inhalation, eye contact

Signs and Symptoms
of Exposure: Eye or skin irritation or injury. Allergic
responses such as sensitization or dermatitis.

Existing Conditions
Aggravated by Exposure: Skin disorders. Skin allergies. Respiratory disorders.
Eye disorders. Asthma

4. FIRST AID MEASURES

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

Inhalation: 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. If irritation should develop,
consult physician.

Eye Contact: Flush with plenty of water for 20 minutes and get prompt
medical attention. Washing within one minute is
essential to achieve maximum effectiveness.

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5. FIRE FIGHTING MEASURES

Flash Point: > 150°C (302°F) Method: Tag Closed Cup

Recommended

Extinguishing Agents: Water spray (fog) Carbon dioxide, foam, dry chemical

Special Firefighting

Procedures:

Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. Toxic gases may be released during fire.

Hazardous Products formed

by Fire or Thermal Decomp: phenolics, carbon monoxide, carbon dioxide, oxides of sulphur and nitrogen.

Unusual Fire or

Explosion Hazards: The smoke may contain polymer fragments of varying compositions.

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: Wear appropriate personal protective equipment. Wipe up or absorb on suitable material and shovel up. Prevent entry into sewers and waterways. Avoid contact with skin, eyes or clothing.

7. HANDLING AND STORAGE

Handling: Ensure good ventilation during processing. Do not breathe mist or vapors. Keep container closed. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Storage: Store between 35 and 120°F. Store in original container until ready to use. Keep in a cool, well-ventilated area away.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.

Skin: Rubber gloves. Immediately remove all contaminated clothing.

Ventilation: For the product at ambient temperature, use adequate ventilation. For the heated product, use exhaust ventilation to remove vapor.

Respiratory: No respiratory protection should be needed.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Viscous liquid
Appearance:	Hardener: clear liquid Resin: colourless to pale yellow
Odor:	Hardener: unpleasant/epoxy Resin: mild
Boiling Point:	> 500°F (resin)
pH:	6-7 (resin); 3-5 (hardener)
Solubility in Water:	Hardener: dispersible in water Resin: negligible (in water)
Specific Gravity	Resin 1.18, Hardener 1.1
Vapor Pressure:	< 0.13 @ 356°F (kPa), resin
Viscosity (@86°F):	Resin: 6000-8000 cps, Hardener: 10000-15000 cps

10. STABILITY AND REACTIVITY

Stability:	Stable at normal temperature and pressure.
Hazardous Polymerization:	Will not occur
Incompatibility:	Strong oxidizers, acids, Halogenated compounds. Strong mineral acids. Reactive materials. Calcium hypochlorite. Sodium hypochlorite. Nitrous acid and other nitrosating agents.
Conditions to Avoid:	This product is normally stable and is not reactive with water Excessive heat. Storage with incompatible materials.

11. TOXICOLOGICAL INFORMATION

Toxicity (resin): >5,000 mg/kg (LD50 - Rat)
(hardener): >2,000 mg/kg (LD50 - Rat)

Irritating to skin and eyes.

12. ECOLOGICAL INFORMATION

Ecological toxicity:
Large quantities of product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface water.

Degradability (resin):
Theoretical oxygen demand (ThOD) is calculated to be 2.35p/p. In the atmospheric environment, material is estimated to have a tropospheric half life of 1.92 hr.

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal:	Dispose of in accordance with federal, state and local regulations.
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HENKEL CONSUMER ADHESIVES
AVON, OH 44011

03/20/07

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14. TRANSPORTATION INFORMATION

DOT (49 CFR 172) Domestic Ground Transport

Proper Shipping Name: Not regulated for transport

IATA

Proper Shipping Name: Not regulated for transport

IMO/IMDG

Proper Shipping Name: Not regulated for transport

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

TSCA 8(b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

TSCA 12 (b) Export Notification: None

CERCLA/SARA Section 302 EHS: None above reporting de minimus.

CERCLA/SARA Section 311/312: None.

CERCLA/SARA Section 313: None above reporting de minimus.

Estimated HMIS(R) Code:

Health Hazard: 1

Flammability Hazard: 1

Reactivity Hazards: 0

Personal Protection: See Section 8.

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Prepared by:

Company: Henkel Consumer Adhesive
Regulatory Affairs (440) 937-7000