

MATERIAL SAFETY DATA SHEET

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EPOXY STICK
EPOXY STICK

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Item No.: EPOXY STICK Part of Kit: 96321
Product Type: Epoxy

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
TALC	14807-96-6	30-40
Epoxy resin	25068-38-6	10-20
Iron	7439-89-6	15-23
Glass	65997-17-3	10-15
Substituted aminophenol	90-72-2	1-5

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
TALC	2 mg/m3 TWA	2 mg/m3 TWA	None
Iron	5 mg/m3 (as Fe)	10 mg/m3 (as Fe)	None
Glass	10 mg/m3 (inhal)	15 mg/m3 (total)	None
	3 mg/m3 (resp)	5 mg/m3 (resp)	

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)
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3. HAZARDS IDENTIFICATION

Toxicity: Possible eye and skin irritant. May cause allergic skin reaction. May irritate the intestinal tract if swallowed.

Primary Routes of Entry: Skin and eye contact, ingestion.

Signs and Symptoms of Exposure: May cause allergic skin reaction, eye irritation. May also cause intestinal tract discomfort if swallowed.

Existing Conditions

Aggravated by Exposure: None known

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen NTP IARC OSHA
TALC	IRR LUN SOM	NO N/A NO
Epoxy resin	ALG IRR	NO NO NO

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3. HAZARDS IDENTIFICATION

(continued)

Iron	EYE LUN	NO	NO	NO
Glass	ALG RES	NO	NO	NO
Substituted aminophenol	ALG IRR	NO	NO	NO

Abbreviations

N/A Not Applicable	ALG Allergen
EYE Eyes	IRR Irritant
LUN Lung	RES Respiratory
SOM Some evidence of carcinogenicity	

4. FIRST AID MEASURES

Ingestion:	Do not induce vomiting. Obtain medical attention. Keep individual calm. Never give anything by mouth to an unconscious person.
Inhalation:	Remove to fresh air. If symptoms persist, obtain medical attention.
Skin Contact:	Immediately flush with plenty of soap and water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Eye Contact:	Flush at least 15 minutes with water. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Flash Point:	None
Recommended Extinguishing Agents:	Carbon dioxide, foam, dry chemical, water spray.
Special Firefighting Procedures:	Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self contained breathing apparatus and full protective clothing.

Hazardous Products formed by Fire or Thermal Decomp	Aldehydes, acids and oxides of carbon, nitrogen and sulfur.
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Unusual Fire or Explosion Hazards:	(See "Hazardous decomposition products")
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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: Scrape up as much as possible and store in a
closed container until disposal.

7. HANDLING AND STORAGE

Safe Storage: Store below 90°F in a cool, dry, well ventilated
area.
(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)
Handling: Avoid prolonged skin contact. Keep away from eyes.
Wash thoroughly after handling, especially before
eating, drinking, smoking, and using restroom
facilities. Wash contaminated goggles, faceshield,
and gloves. Professionally launder contaminated
clothing before re-use.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.
Skin: Appropriate impervious gloves. Because a variety
of protective gloves exist, consult manufacturer
to determine the proper type for a specific
operation.
Ventilation: Use local exhaust ventilation to collect dust at
point of generation.
Respiratory: None required.

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black Metallic Putty
Odor: Mercaptan, sulfur
Boiling Point: Not available
pH: Does not apply
Solubility in Water: Insoluble
Specific Gravity: 2.18
Volatile Organic Compound
(EPA Method 24) Less than 1.0%
Vapor Pressure: Not available
Vapor Density: Non volatile
Evaporation Rate
(Ether = 1) Non volatile

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: None

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10. STABILITY AND REACTIVITY

(continued)

Conditions to Avoid: None
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: 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: WARNING: This product contains chemicals known to
the State of California to cause cancer.
Sodium Calcium Magnesium silicate 65997-17-3

16. OTHER INFORMATION

Estimated NFPA(R) Code:

Health Hazard: 1
Fire Hazard: 1
Reactivity Hazard: 0
Specific Hazard: Does not apply

Estimated HMIS(R) Code:

Health Hazard: 1*

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05/21/03

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16. OTHER INFORMATION

(continued)

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

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

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