

ROCKY HILL, CONNECTICUT 06067
EMERGENCY PHONE: (860) 571-5100

MATERIAL SAFETY DATA SHEET

Page 01 of 05

HYSOL 608
83086 RESIN

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: HYSOL 608
Item No.: 83086 RESIN Part of Kit: 83086
Product Type: Epoxy Resin

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Epoxy resin	25068-38-6	60-100
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	112945-52-5	1-5

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	10 mg/m3 TWA	6 mg/m3 TWA	3 mg/m3 TWA resp. dust

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

3. HAZARDS IDENTIFICATION

Toxicity: Eye and skin irritant. May cause allergic skin reaction.

Primary Routes of Entry: Eyes: May cause eye irritation.

Skin: Allergic skin reaction. Itching. Redness. Swelling.

Inhalation: May cause irritation to nose, throat and respiratory tract.

Ingestion: Not considered to be a relevant route of exposure.

Signs and Symptoms
of Exposure: see above

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

ROCKY HILL, CONNECTICUT 06067
EMERGENCY PHONE: (860) 571-5100

MATERIAL SAFETY DATA SHEET

Page 03 of 05

Product Name: HYSOL 608
Item No.: 83086 RESIN

5. FIRE FIGHTING MEASURES

(continued)

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:

Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without hazard. Immediately contact emergency personnel. Keep unnecessary personnel away.

7. HANDLING AND STORAGE

Safe Storage:

Keep containers tightly closed and sealed until ready to use. Store in a cool, dry place.

(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)
Handling:

Keep away from heat, sparks and flame. Avoid contact with eyes. Avoid breathing vapor or mist. Avoid contact with skin and clothing. Wash thoroughly after handling.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Chemical splash goggles or safety glasses with side shields.

Skin: Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

Ventilation: Use local exhaust ventilation if the potential for airborne exposure exists.

Respiratory Use a NIOSH approved respirator if ventilation is not sufficient and the potential exists to exceed any exposure limit.

See Section 2 for Exposure Limits.

ROCKY HILL, CONNECTICUT 06067
EMERGENCY PHONE: (860) 571-5100

MATERIAL SAFETY DATA SHEET

Page 04 of 05

Product Name: HYSOL 608
Item No.: 83086 RESIN

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Milky white paste
Odor: Slight odor
Boiling Point: >500 Degrees F
pH: Does not apply
Solubility in Water: Negligible
Specific Gravity: 1.17
Volatile Organic Compound
(EPA Method 24) 11.05 g/l; 0.94 %
Vapor Pressure: .03 mmHg @20 C
Vapor Density: >1
Evaporation Rate
(Ether = 1) >1

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Oxidizing agents, water. Strong acids. Strong base
Conditions to Avoid: Avoid temperatures in excess of 100 F. Avoid mixing more than 2 pounds with adhesive hardener in a single mass. Considerable heat with the release of toxic gasses and the possibility of fire may result.

Hazardous Decomposition
Products (non-thermal): None known.

11. TOXICOLOGICAL INFORMATION

Product toxicological data not available

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Incinerate following EPA and local regulations.
EPA Hazardous Waste Number
Not a RCRA hazardous material for disposal.

ROCKY HILL, CONNECTICUT 06067
EMERGENCY PHONE: (860) 571-5100

MATERIAL SAFETY DATA SHEET

Page 05 of 05

Product Name: HYSOL 608
Item No.: 83086 RESIN

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 chemicals known to the state of California to cause cancer, birth defects or other reproductive harm - ethylene oxide, phenyl glycidal ether, acetaldehyde, 1,4-dioxane.

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: BEVERLY FISCHER
Title: Manager, Health Safety & Regulatory Affairs
Company: Henkel Loctite Corporation, Rocky Hill CT 06067
(24hr.) Phone: (860) 571-5100
Revision Date: March 09, 1999 Revision: 0002