

MATERIAL SAFETY DATA SHEET

37514 RESIN  
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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Item No.: 37514 RESIN Part of Kit: 37514  
Product Type: Epoxy adhesive

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Epoxy resin	26142-30-3	10-15
Epoxy resin	25068-38-6	3-85
Epoxy resin	28906-96-9	3-5
Epoxy resin	25085-99-8	0-80

Ingredients which have exposure limits

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

Toxicity: Possible skin and eye irritant. May cause skin or eye injury. Possible sensitizer.

Primary Routes of Entry: None known

Signs and Symptoms of Exposure: May cause dermatitis or sensitization on prolonged contact. Heated vapors may cause headache, nausea, dizziness, or respiratory irritation.

Existing Conditions Aggravated by Exposure: Allergy, eczema, skin conditions.

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Epoxy resin	ALG IRR	NO	NO	NO
Epoxy resin	ALG IRR	NO	NO	NO
Epoxy resin	ALG IRR	NO	NO	NO
Epoxy resin	ALG IRR	NO	NO	NO

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3. HAZARDS IDENTIFICATION

(continued)

Abbreviations

ALG Allergen

IRR Irritant

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 with soap and water.  
Eye Contact: Flush at least 15 minutes with water. Obtain  
medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: More than 200°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 Phenolics, oxides of carbon, hydrogen chloride,  
aldehydes  
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: Soak up with an inert absorbent. Store in a  
closed container until disposal.

7. HANDLING AND STORAGE

Safe Storage: Store below 100°F  
(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)  
Handling: Avoid prolonged skin contact. Keep away from eyes.

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8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.  
Skin: Rubber or plastic gloves.  
Ventilation: Not normally necessary, but mechanical and local exhaust ventilation may be desirable for prolonged use in a confined area.  
Respiratory: NIOSH/MSHA approved organic cartridge respirator when ventilation is inadequate.

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear water white to amber liquid  
Odor: Mild  
Boiling Point: More than 300°F  
pH: Does not apply  
Solubility in Water: Slight  
Specific Gravity: 1.13-1.17  
Volatile Organic Compound (EPA Method 24): 0.765%; 8.64 - 8.95 grams per liter  
0.026% Total Volatile Content tested as mixed with hardener (modified EPA Method 24)  
Vapor Pressure: Less than 5mm at 80°F  
Vapor Density: Not available  
Evaporation Rate (Ether = 1): Not available

10. STABILITY AND REACTIVITY

Stability: Stable  
Hazardous Polymerization: Will not occur  
Incompatibility: Oxidizing agents, bases, acids, amines, mercaptans  
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.

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13. DISPOSAL CONSIDERATIONS (continued)

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 a chemical known to  
the State of California to cause cancer.  
Traces of epichlorohydrin

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\*

Flammability Hazard: 1

Reactivity Hazards: 0

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.

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