

8-31-05

HENKEL CONSUMER ADHESIVES

08/08/00

AVON, OH 44011
TELEPHONE: (440) 937-7000

MATERIAL SAFETY DATA SHEET

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RESIN TM-51 QUICKSET
RESIN 01-81502

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: RESIN TM-51 QUICKSET
Item No.: RESIN 01-81502
Part of Kit: 01-81502
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
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	

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 300øF
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
Vapor Pressure: Less than 5mm at 80øF
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.
EPA Hazardous Waste Number: NH - Not a RCRA Hazardous Waste Material

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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.

Prepared by:

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