

MATERIAL SAFETY DATA SHEET

Loctite(R) Windshield Repair Kit
37613

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Loctite(R) Windshield Repair Kit
Item No.: 37613
Product Type: UV Adhesive

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Hydroxyalkyl methacrylate	27813-02-1	55-60
Diacrylate ester	84170-74-1	30-35
Polyurethane methacrylate resin	Proprietary	3-5
ACRYLIC ACID*	79-10-7	1-3
Photoinitiator	7473-98-5	1-3
Substituted silane	2530-83-8	1-3

* This component is listed as a SARA Section 313 Toxic Chemical.

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Hydroxyalkyl methacrylate	None	None	1 ppm TWA 3 ppm STEL
ACRYLIC ACID	2 ppm TWA skin 5.9 mg/m3 skin	10 ppm TWA skin 30 mg/m3 skin	1 ppm TWA skin 3 ppm STEL skin
Photoinitiator	None	None	1.0 mg/m3 IEL
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	

3. HAZARDS IDENTIFICATION

Toxicity: Liquid is an eye and skin irritant.
Vapors may irritate eye, nose and throat.
Estimated oral LD50 more than 5000 mg/kg.
Estimated dermal LD50 more than 2000 mg/kg.

Primary Routes of Entry: None known

Signs and Symptoms of Exposure: Irritation of eyes, skin, nose or throat. May cause dermatitis on prolonged contact in sensitive individuals.

Existing Conditions Aggravated by Exposure: Acrylic acid: Upper respiratory and lung diseases,

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3. HAZARDS IDENTIFICATION

(continued)

dermatitis

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Hydroxyalkyl methacrylate	ALG IRR	NO	NO	NO
Diacrylate ester	ALG IRR	NO	NO	NO
Polyurethane methacrylate resin	No Data	NO	NO	NO
ACRYLIC ACID	AC4 ALG COR IRR KID LIV	NO	N/A	NO
Photoinitiator	NTO	NO	NO	NO
Substituted silane	ALG IRR	NO	NO	NO

Abbreviations

N/A Not Applicable
ALG Allergen
IRR Irritant
LIV Liver
AC4 ACGIH-Unclassifiable as human carc.
COR Corrosive
KID Kidney
NTO No Target Organs

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

5. FIRE FIGHTING MEASURES

Flash Point: 150 deg. F. Method: CC
Recommended
Extinguishing Agents: Carbon dioxide, foam, dry chemical
Special Firefighting
Procedures: Not available
Hazardous Products formed
by Fire or Thermal Decomp Irritating organic vapors.
Unusual Fire or
Explosion Hazards: None

Explosive Limits:
(% by volume in air)Lower 2.0% Acrylic acid
(% by volume in air)Upper 8.0% Acrylic acid

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6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case
of spill or leak: Soak up with an inert absorbent. Store in a partly
filled, closed container until disposal.

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.
Skin: Rubber or plastic gloves recommended.
Ventilation: Sufficient to maintain vapor concentration below
TLV.
Respiratory: Not available

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid
Odor: Mild
Boiling Point: Greater than 300 deg. F
pH: Not Applicable
Solubility in Water: Slight
Specific Gravity: 1.03
Volatile Organic Compound
(EPA Method 24) Not available
Vapor Pressure: Less than 5mm
Vapor Density: Not Available
Evaporation Rate
(Ether = 1) Not available

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will Not Occur
Incompatibility: None
Conditions to Avoid: Not available
Hazardous Decomposition
Products (non-thermal): None

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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 (Not more than 450 liters);
Combustible liquids, n.o.s.
(Contains Acrylic acid)
(More than 450 liters)

Hazard Class or

Division:

Unrestricted (Not more than 450 liters)
Combustible liquid (More than 450 liters)

Identification Number: None (Not more than 450 liters);

NA 1993 (More than 450 liters)

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 birth
defects or other reproductive harm.
Toluene

16. OTHER INFORMATION

Estimated NFPA(R) Code:

Health Hazard: 2

Fire Hazard: 2

Reactivity Hazard: 1

Specific Hazard: Does not apply

Estimated HMIS(R) Code:

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16. OTHER INFORMATION

(continued)

Health Hazard: 2
Flammability Hazard: 2
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.

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