

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

MATERIAL SAFETY DATA SHEET

Clear RTV Silicone Adhesive Sealant
 80050

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Clear RTV Silicone Adhesive Sealant
 Item No.: 80050
 Part No.: 66BR
 Product Type: Silicone

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Poly(dimethylsiloxane), dimethyl	63148-62-9	85-90
SILICA, AMORPHOUS TREATED	112945-52-5	5-10
Ethyltriacetoxysilane	17689-77-9	1-5
Methyltriacetoxysilane	4253-34-3	1-5
ACETIC ACID	64-19-7	***

***When this product is exposed to moisture, 3-5% acetic acid is formed.

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
SILICA, AMORPHOUS TREATED	10 mg/m3 TWA	6 mg/m3 TWA	3 mg/m3 TWA resp. dust
ACETIC ACID	10 ppm TWA 25 mg/m3	10 ppm TWA 25 mg/m3	None
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	
ACETIC ACID	15 ppm 37 mg/m3	None	

3. HAZARDS IDENTIFICATION

Toxicity: Eye and skin irritant. Oral LD50 = 2060 mg/kg.
 Moderate by ingestion.
 Primary Routes of Entry: SKIN, INGESTION, INHALATION
 Signs and symptoms of Exposure: Acetic acid produced during cure irritates eyes, nose, and throat.
 PROLONGED OR REPEATED CONTACT MAY IRRITATE SKIN.

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

MATERIAL SAFETY DATA SHEET

Page 03 of 05

Product Name: Clear RTV Silicone Adhesive Sealant
Item No.: 80050

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case
of spill or leak: Wipe or scrape up spilled material. Maintain
good ventilation for large spills. Place scrap
material in a well ventilated place and allow to
cure to rubber.

7. HANDLING AND STORAGE

Safe Storage: Store in a dry area below 90°F. Keep container
closed when not in use.
(Contact Loctite Customer Service 1-800-243-4874 for shelf Life information)
Handling: Avoid breathing vapor. Avoid eye or skin contact.
Acetic acid vapor released during application and
cure. Do not wear contact lenses while applying
material. Vapor may be trapped under lens.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.
Skin: Rubber or plastic gloves.
Ventilation: Provide local ventilation for prolonged use in
confined area.

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear paste
Odor: Sharp, Irritating
Boiling Point: Not Applicable, Polymeric material
pH: Does not apply
Solubility in Water: Polymerized
Specific Gravity 1.01
Volatile Organic Compound
(EPA Method 24) 4.7%; 47.47 g/l
Vapor Pressure: 10mm 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: Polymerized by contact with moisture. Acetic
acid liberated.
Hazardous Decomposition
Products (non-thermal): None

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

MATERIAL SAFETY DATA SHEET

Product Name: Clear RTV Silicone Adhesive Sealant
Item No.: 80050

11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Cured rubber scrap can be incinerated. Follow EPA and local regulations.

EPA Hazardous Waste Number: NH - Not a RCRA Hazardous Waste Material

14. TRANSPORT 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: No Prop65 chemicals are known to be present.

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.

LOCTITE CORPORATION

09/11/96

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

MATERIAL SAFETY DATA SHEET

Page 05 of 05

Product Name: Clear RTV Silicone Adhesive Sealant
Item No.: 80050

16. OTHER INFORMATION

(continued)

Prepared By: Stephen Repetto
Title: Research Chemist, Environmental Health & Safety
Company: Loctite Corp., 1001 Tr Br Cr, Rocky Hill CT 06067
(24hr.) Phone: (860) 571-5100
Revision Date: January 22, 1996 Revision: 0032