

WHMIS/US OSHA Material Safety Data Sheet for:
Superflex™ Clear RTV Silicone Adhesive Sealant

Section 1: MANUFACTURER/PREPARER INFORMATION & HAZARD WARNINGS

Loctite Corporation
1001 Trout Brook Crossing
Rocky Hill, CT 06067-3910

EMERGENCY PHONE
(860) 571-5100

INFORMATION PHONE
(800) 243-4874

DATE ISSUED/REVISED
Feb 4, 2001

LAST VALIDATED ON
Aug 21, 2010

WHMIS HAZARD SYMBOLS & DEFINITIONS



Class D-2: Poisonous & infectious material: other toxic effects

Section 2: HEALTH HAZARD DATA

ROUTES OF ENTRY/SIGNS & SYMPTOMS OF ACUTE EXPOSURE:

EYES: Acetic acid produced during cure irritates eyes. May cause moderate corneal injury to eyes. **SKIN:** Irritant
INHALATION: Acetic acid produced during cure irritates nose and throat and may cause difficulty in breathing.
INGESTION: Moderate toxicity by ingestion. (LD50=2060 mg/kg). may cause vomiting

Chronic Effects: N/R. **Carcinogens:** None listed by IARC, NTP or OSHA. **Medical Conditions Aggravated by Exposure:** Eye, skin, and pulmonary disorders.

EMERGENCY & FIRST AID PROCEDURES:

EYES: Flush with water for at least 15 minutes. Obtain medical attention. **SKIN:** Wipe off paste with paper towel or cloth. Wash exposed area with soap and water. **INHALATION:** Remove to fresh air. Treat symptomatically.
INGESTION: DO NOT INDUCE VOMITING. Keep individual calm. Obtain medical attention.

Section 3: PREVENTATIVE MEASURES

Respiratory Protection: Not available.

Ventilation: Provide local ventilation for prolonged use in confined area.

Gloves: Rubber or plastic gloves. **Eye Protection:** Safety glasses or goggles. **Other Protective Measures:** N/R.

Work/Hygienic Practices: N/R

Handling and Storing: 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). Avoid breathing vapour. Avoid eye or skin contact. Acetic acid vapour is released during application and cure. Do not wear contact lenses while applying material. Vapour may be trapped under lens.

KEEP OUT OF THE REACH OF CHILDREN AND ANIMALS.

N/A=Not Applicable. N/E=Not Evaluated/Established. N/R=Not Reported by Manufacturer.

Continued on Page 2

Section 4: HAZARDOUS COMPONENTS & EXPOSURE LIMITS

Hazardous Component Name	CAS #	OSHA PEL	ACGIH-TLV	Other Limit	% Wt
Poly(dimethylsiloxane), hydroxy terminated	70131-67-8	N/E	N/E	N/E	85-90
Silica, Amorphous	7631-86-9	6 mg/M3	10 mg/M3	3 mg/M3 TWA RD	5-10
Ethyltriacetoxysilane	17689-77-9	N/E	N/E	N/E	1-5
Methyltriacetoxysilane	4253-34-3	N/E	N/E	N/E	1-5
*Acetic Acid	64-19-7	10 ppm	10 ppm	15 ppm STEL	*
Propellant:		25 mg/M3	25 mg/M3	37 mg/M3 STEL	
Propane	74-98-6	1000 ppm	2500 ppm	None	5-80
Isobutane	75-28-5	N/R	N/R	N/R	5-80

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

§ indicates a toxic chemical subject to the reporting requirements of SARA Title III, Section 313.

† indicates a chemical known to the State of California to cause cancer, birth defects or other reproductive harm per Proposition 65.

Section 5: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	N/A Polymeric Material	Specific Gravity:	1.01
Vapor Pressure:	10mm @ 80°F	Percent Volatile:	N/R
Vapor Density (Air=1):	N/E	Evaporation Rate:	N/E
Solubility in Water:	Polymerised	pH:	N/A
Appearance/Odor:	Clear paste/Sharp, irritating odour.		

Section 6: FIRE & EXPLOSION HAZARD DATA

Flash Point (Method):	> 200°F (TCC)	Flammable Limits. LEL#%	UEL: 19.9%
Extinguishing Media:	Carbon dioxide, foam, dry chemical.		

Special Firefighting Procedures: Not available.

Unusual Fire and Explosion Hazards: None. Fire or thermal decomposition evolves acetic acid, formaldehyde, silica fume.

Section 7: REACTIVITY DATA

Stability: Stable. **Hazardous Polymerisation:** Will not occur. **Conditions to Avoid:** Not available. **Incompatibility:** Polymerised by contact with moisture. Acetic acid liberated. **Hazardous Decomposition Products:** None non-thermal. Fire or thermal decomposition evolves acetic acid, formaldehyde, silica fume.

Section 8: SPILLS, DISPOSAL & ADDITIONAL INFORMATION

Spill/Leak Procedures: Wipe or scrape up spilled material. Maintain good ventilation for large spills. Place scraped material in a well ventilated place and allow to cure to rubber.

Waste Disposal: Cured rubber scrap can be incinerated. Follow EPA and local regulations. Not a RCRA Hazardous Waste Material.

Additional Information: N/R

The information contained in this EndUser Material Safety Data Sheet™ has been compiled by MSDS Rx from original manufacturer's data. Efforts have been made by MSDS Rx to check for completeness and accuracy. MSDS Rx and no other entity is responsible for any variations between the original manufacturer's data sheet and the content of the EndUser MSDS™. Since the conditions under which this information may be applied are beyond our control, neither the manufacturer nor MSDS Rx assumes any liability for any results or effects of its use or application. E&OE.