

REC'D AUG 04 1998

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Ultra Blue(R) Sensor-Safe RTV Silicone Gasket
 Maker: 81725
 Item No.: 81725
 Part No.: 77C
 Product Type: RTV Silicone

5958
 SLT00008

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Poly(dimethylsiloxane), hydroxy terminated	70131-67-8	35-40
Calcium carbonate	471-34-1	30-35
Poly(dimethylsiloxane), dimethyl	63148-62-9	15-20
Modified silicon dioxide	68611-44-9	5-10
Vinyl oximosilane	2224-33-1	3-5
Substituted silane	Proprietary	0.1-1
Methyl ethyl ketoxime	Proprietary	***

***When this product is exposed to moisture, 5-10% methyl ethyl ketoxime is formed.

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Calcium carbonate	10 mg/m3 dust	15 mg/m3 dust 5 mg/m3 respir.	None
Modified silicon dioxide	10 mg/m3	6 mg/m3	6 mg/m3
Methyl ethyl ketoxime	None	None	3 ppm TWA 10 ppm STEL

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)

3. HAZARDS IDENTIFICATION

Toxicity: Eye and skin irritant. Moderately toxic by ingestion. When heated to temperatures above 300° F (150 F) in the presence of air, this product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Vapors irritate eyes, nose and throat. Safe handling conditions may be maintained by keeping vapor concentrations below the OSHA permissible limit for formaldehyde.

Primary Routes of Entry: Skin absorption, ingestion, inhalation.

Signs and Symptoms of Exposure: Methyl ethyl ketoxime produced during cure is toxic and irritates eyes, nose and throat.

Existing Conditions Aggravated by Exposure: Dermatitis

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Poly(dimethylsiloxane), hydroxy terminated	No Data	NO	NO	NO
Calcium carbonate	NUI	NO	NO	NO
Poly(dimethylsiloxane), dimethyl	IRR	NO	NO	NO
Modified silicon dioxide	NUI	NO	NO	NO
Vinyl oximosilane	No Data	NO	NO	NO
Substituted silane	No Data	NO	NO	NO
Methyl ethyl ketoxime	ALG BLO CNS IRR	NO	NO	NO

Abbreviations

ALG Allergen
 CNS Central nervous system
 NUI Nuisance dust
 BLO Blood
 IRR Irritant

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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: Wipe off paste with paper towel or cloth. Wash thoroughly 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: Formaldehyde, silica fume
 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: Wipe or scrape up spilled material. Maintain good ventilation for large spills. Place scrap material in a well ventilated area and allow to cure to rubber.

7. HANDLING AND STORAGE

Safe Storage: Store in a dry area below 90°F. Keep containers closed when not in use.
 (Contact Loctite Customer Service 1-800-243-4874 for shelf life information)
 Handling: Avoid skin and eye contact. Avoid breathing vapor. 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 a confined area.
 Respiratory: NIOSH/MSHA approved respirator when ventilation is inadequate.
 See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue paste
 Odor: Mild
 Boiling Point: Not Applicable, Polymeric
 pH: 7-8
 Solubility in Water: Polymerized.
 Specific Gravity: 1.31 at 75 F
 Volatile Organic Compound (EPA Method 24): 3.9%; 50.7 grams per liter
 Vapor Pressure: Less than 5mm at 70 F
 Vapor Density: 3.0
 Evaporation Rate (Ether = 1): Not available

10. STABILITY AND REACTIVITY

Stability: Stable
 Hazardous Polymerization: Will not occur
 Incompatibility: Strong oxidizers. Polymerized by contact with moisture.
 Conditions to Avoid: Not available
 Hazardous Decomposition Products (non-thermal): Methyl ethyl ketoxime

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11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Cured rubber can be incinerated 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
 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: 1
 Fire Hazard: 1
 Reactivity Hazard: 0
 Specific Hazard: No water.
 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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 Revision Date: January 22, 1996 Revision: 0031