



MATERIAL SAFETY DATA SHEET (MSDS)

PRODUCT: AS3145 High Strength Silicone RTV

1. Chemical Product and Company Identification

Manufactured By: Silicone Solutions (SS-3146 REF.)
 1670-C Enterprise Parkway
 Twinsburg, Ohio 44087

Emergency Phone: 330-405-4595

Revised: 08-16-03
Preparer: David M. Brassard
Chemical Family: Silicone Rubber
Formula: Mixture

2. Composition / Information on Ingredients

| Product Composition CAS Reg. No. | Approx. % Wt. | ACGIH TWA | TLV STEL | OSHA TWA | PEL STEL | Units |
|--|-------------------|--------------|-------------|-------------|-------------|-------|
| A. HAZARDOUS | NONE FOUND | | | | | |
| B. NON HAZARDOUS | | | | | | |
| Polydimethylsiloxane silanol terminated 70131-67-8 | 45-60 | NE | 15 | NE | NE | NA |
| Polydimethylsiloxane trimethyl terminated 63148-62-9 | 10-29 | -- | NE | -- | NE | NA |
| Vinyl oximino silane 2224-33-1 | 1-5 | NE | NE | NE | NE | NA |
| Modified silicone dioxide 68611-44-9 | 5-20 | 6 | 10 | 6 | 10 | mg/m3 |
| Trade Secret Component | 1-5 | NF | NE | NF | NE | NA |
| Aminosilane 919-30-2 | 0-2 | NE | NE | NE | NE | NA |
| Calcium Carbonate 471-34-1 | 15-35 | 10 | 15 | 5 | 15 | mg/m3 |

3. HAZARDS IDENTIFICATION

Potential Health Effects:

Ingestion: ----- NONE KNOWN

Skin Contact: ----- MAY CAUSE MILD SKIN IRRITATION. MANUFACTURING EXPERIENCE HAS SHOWN THAT SKIN HAZARD IS NOT APPLICABLE IN THIS FORM.

Inhalation: ----- NONE KNOWN

Eye Contact: ----- MAY CAUSE MILD EYE IRRITATION.

Medical Conditions Aggravated: ----- NONE KNOWN

Subchronic (TARGET ORGAN) Effects: ----- NONE KNOWN

Chronic Effects/Carcinogenity: ----- THIS PRODUCT OR ONE OF IT'S INGREDIENTS PRESENT 0.1% or MORE IS NOT LISTED OR SUSPECTED AS A CARCINOGEN BY NTP, IARC OR OSHA

Principle Routes of Exposure: ----- NONE KNOWN

Other: ----- This product contains methylpolysiloxanes which can generate formaldehyde upon exposure above 300 degrees Centigrade in atmospheres which contain oxygen. Formaldehyde is a skin, eye, and throat irritant.

4. FIRST AID MEASURES

Ingestion: ----- NONE KNOWN
 Skin: ----- WASH WITH SOAP AND WATER.
 Inhalation: ----- NONE KNOWN
 In case of eye contact: ----- FLUSH WITH WATER FOR 15 MINUTES AND GET
 MEDICAL ATTENTION IF IRRITATION PERSISTS.
 Note to physician: ----- NONE KNOWN

5. FIREFIGHTING MEASURES

Flash point: ----- >300°C or 600°F
 Autoignition temp. ----- NA
 Flammable limits in air - upper % ----- NA
 Sensitivity to mechanical impact: ----- NO
 Sensitivity to static discharge: ----- NO
 Extinguishing media: ----- ALL STANDARD FIREFIGHTING MEDIA
 Special firefighting procedures: ----- NONE KNOWN

6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled: ----- SCRAPE-UP and PLACE IN AN INERT
 MATERIAL FOR DISPOSAL

7. HANDLING and STORAGE

Precautions to be taken during handling and storage: ----- CURE ONLY WHERE APPROPRIATE
 VENTILATION SYSTEMS EXIST.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: ----- NONE KNOWN
 Respiratory protection: ----- NONE REQUIRED
 Protective gloves: ----- CLOTH GLOVES
 Eye and face protection: ----- SAFETY GLASSES
 Other protective equipment: ----- NONE REQUIRED
 Ventilation: ----- CURE IN WELL VENTILATED AREAS

9. PHYSICAL and CHEMICAL PROPERTIES

Boiling point: ----- NA
 Vapor pressure: ----- NA
 Vapor density: ----- NA
 Freezing point: ----- NA
 Melting point: ----- NA
 Physical state: ----- PASTE
 Odor: ----- MILD
 % Volatile by volume: ----- <1
 Evaporation rate: ----- <1
 Specific gravity: ----- 1.30
 Density: (Kg/M3) ----- 1300
 Acid/alkalinity ----- UNKNOWN
 PH: ----- NA
 VOC: ----- NT
 Solubility in water: ----- INSOLUBLE
 Solubility in organic solvents: ----- PARTIALLY SOLUBLE IN TOLUENE

