



**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
<b>A. HAZARDOUS</b>	<b>NONE FOUND</b>					
<b>B. NON HAZARDOUS</b>						
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

