



MATERIAL SAFETY DATA SHEET (MSDS)

PRODUCT: AS159 High Temperature, High Strength Silicone Adhesive Sealant

1. Chemical Product and Company Identification

Manufactured By: Silicone Solutions (SS-69 REF.)
 1670-C Enterprise Parkway
 Twinsburg, Ohio 44087

Emergency Phone: 330-405-4595

Revised: 10-12-97
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 70131-67-8	45-60	--	NE	--	NE	NA
Dimethylpolysiloxane 63148-62-9	15-50	NE	NE	NE	NE	NA
Silica 68611-44-9	10-19	10	10	10	15	mg/m3
Methyltriacetoxysilane 4253-34-3	3.0-12.0	10	NE	10	NE	ppm
Trade Secret Component	2-8	NE	NE	NE	NE	NA
Trade Secret Component	1-5	NE	NE	NE	NE	NA
Dibutyltindilaurate	0.1-3.0	NE	NE	NE	NE	NA
Red Iron Oxide 1332-37-2	2.0-5.0	NE	NE	NE	NE	NA

3. HAZARDS IDENTIFICATION

Potential Health Effects:

Ingestion: ----- **MAY BE HARMFUL IF SWALLOWED**

Skin Contact: ----- **UNCURED PRODUCT WILL IRRITATE LIPS, GUMS AND TONGUE.**
UNCURED PRODUCT MAY IRRITATE THE SKIN.

Inhalation: ----- **CAUSES IRRITATION TO THE MOUTH, NOSE AND THROAT.**
THIS APPLIES IN THE UNCURED STATE ONLY.

Eye Contact: ----- **UNCURED PRODUCT CONTACT IRRITATES EYES.**

Medical Conditions Aggravated: ----- **NONE KNOWN**

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

Chronic Effects/Carcinogenicity: ----- **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: **ACETIC ACID RELEASED DURING CURE.**
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: -----	RINSE MOUTH WITH WATER SEVERAL TIMES
Skin: -----	REMOVE COMPLETELY WITH A DRY CLOTH OR PAPTOWEL.
	WASH WITH SOAP AND WATER.
Inhalation: -----	MOVE PERSON TO FRESH AIR.
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
Method: -----	NA
Ignition temp. -----	Unknown
Flammable limits in air - lower % -----	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
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7. HANDLING and STORAGE

Precautions to be taken during handling and storage: -----	CURE ONLY WHERE APPROPRIATE VENTILATION SYSTEMS EXIST.
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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: -----	VINEGAR
% Volatile by volume: -----	<3
Evaporation rate: -----	<1
Specific gravity: -----	1.14
Density: (Kg/M3) -----	1140
Acid/alkalinity -----	SLIGHTLY ACIDIC
PH: -----	NA
VOC: -----	NT
Solubility in water: -----	INSOLUBLE
Solubility in organic solvents: -----	PARTIALLY SOLUBLE IN TOLUENE

