

MATERIAL SAFETY DATA SHEET (MSDS)

PRODUCT: AS3145 High Strength Silicone RTV

1. Chemical Product and Company Identification

Silicone Solutions (SS-3146 REF.) Manufactured By:

1670-C Enterprise Parkway

Twinsburg, Ohio 44087

Emergency Phone: 330-405-4595

Revised: 08-16-03

David M. Brassard Preparer: **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 KNOW

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:	
In case of eye contact:	FLUSH WITH WATER FOR 15 MINUTES AND GET MEDICAL ATTENTION IF IRRITATION PERSISTS.
Note to physician:	
5. FIREFIGHTING MEASURES	
Flash point:	>300°C or 600°F
Autoignition temp	NA
Flammable limits in air - upper %	NA
Sensitivity to mechanical impact:	
Sensitivity to static discharge:	NO
Extinguishing media:	ALL STANDARD FIREFIGHTING MEDIA
Special firefighting procedures:	
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	
	CURE ONLY WHERE APPROPRIATE
Precautions to be taken during handling and storage:	VENTILATION SYSTEMS EXIST.
Precautions to be taken during handling and storage: 8. EXPOSURE CONTROLS / PERSONAL PROTECTION Engineering controls:	VENTILATION SYSTEMS EXIST NONE KNOWN
Precautions to be taken during handling and storage: 8. EXPOSURE CONTROLS / PERSONAL PROTECTION	VENTILATION SYSTEMS EXIST NONE KNOWN
Precautions to be taken during handling and storage: 8. EXPOSURE CONTROLS / PERSONAL PROTECTION Engineering controls:	VENTILATION SYSTEMS EXIST. NONE KNOWN NONE REQUIRED CLOTH GLOVES
Precautions to be taken during handling and storage: 8. EXPOSURE CONTROLS / PERSONAL PROTECTION Engineering controls:	VENTILATION SYSTEMS EXIST. NONE KNOWN NONE REQUIRED CLOTH GLOVES SAFETY GLASSES
Precautions to be taken during handling and storage: 8. EXPOSURE CONTROLS / PERSONAL PROTECTION Engineering controls:	VENTILATION SYSTEMS EXIST. NONE KNOWN NONE REQUIRED CLOTH GLOVES SAFETY GLASSES NONE REQUIRED
Precautions to be taken during handling and storage: 8. EXPOSURE CONTROLS / PERSONAL PROTECTION Engineering controls:	VENTILATION SYSTEMS EXIST. NONE KNOWN NONE REQUIRED CLOTH GLOVES SAFETY GLASSES NONE REQUIRED
Precautions to be taken during handling and storage: 8. EXPOSURE CONTROLS / PERSONAL PROTECTION Engineering controls:	VENTILATION SYSTEMS EXIST. NONE KNOWN NONE REQUIRED CLOTH GLOVES SAFETY GLASSES NONE REQUIRED
Precautions to be taken during handling and storage: 8. EXPOSURE CONTROLS / PERSONAL PROTECTION Engineering controls:	VENTILATION SYSTEMS EXIST. NONE KNOWN NONE REQUIRED SAFETY GLASSES NONE REQUIRED CURE IN WELL VENTILATED AREAS
Precautions to be taken during handling and storage: 8. EXPOSURE CONTROLS / PERSONAL PROTECTION Engineering controls:	VENTILATION SYSTEMS EXIST. NONE KNOWN NONE REQUIRED SAFETY GLASSES NONE REQUIRED CURE IN WELL VENTILATED AREAS
Precautions to be taken during handling and storage: 8. EXPOSURE CONTROLS / PERSONAL PROTECTION Engineering controls:	VENTILATION SYSTEMS EXIST. NONE KNOWN NONE REQUIRED SAFETY GLASSES NONE REQUIRED CURE IN WELL VENTILATED AREAS NA NA NA
Precautions to be taken during handling and storage: 8. EXPOSURE CONTROLS / PERSONAL PROTECTION Engineering controls:	VENTILATION SYSTEMS EXIST. NONE KNOWN NONE REQUIRED SAFETY GLASSES NONE REQUIRED CURE IN WELL VENTILATED AREAS NA NA NA NA
Precautions to be taken during handling and storage: 8. EXPOSURE CONTROLS / PERSONAL PROTECTION Engineering controls:	VENTILATION SYSTEMS EXIST. NONE KNOWN NONE REQUIRED SAFETY GLASSES NONE REQUIRED CURE IN WELL VENTILATED AREAS NA NA NA NA
Precautions to be taken during handling and storage: 8. EXPOSURE CONTROLS / PERSONAL PROTECTION Engineering controls:	VENTILATION SYSTEMS EXIST. NONE KNOWN NONE REQUIRED CLOTH GLOVES SAFETY GLASSES NONE REQUIRED CURE IN WELL VENTILATED AREAS NA NA NA NA NA
Precautions to be taken during handling and storage: 8. EXPOSURE CONTROLS / PERSONAL PROTECTION Engineering controls:	VENTILATION SYSTEMS EXIST. NONE KNOWN NONE REQUIRED CLOTH GLOVES SAFETY GLASSES NONE REQUIRED CURE IN WELL VENTILATED AREAS NA PASTE MILD
Precautions to be taken during handling and storage: 8. EXPOSURE CONTROLS / PERSONAL PROTECTION Engineering controls:	VENTILATION SYSTEMS EXIST. NONE KNOWN NONE REQUIRED CLOTH GLOVES SAFETY GLASSES NONE REQUIRED CURE IN WELL VENTILATED AREAS NA
Precautions to be taken during handling and storage: 8. EXPOSURE CONTROLS / PERSONAL PROTECTION Engineering controls:	VENTILATION SYSTEMS EXIST. NONE KNOWN NONE REQUIRED CLOTH GLOVES SAFETY GLASSES NONE REQUIRED CURE IN WELL VENTILATED AREAS NA NB
Precautions to be taken during handling and storage: 8. EXPOSURE CONTROLS / PERSONAL PROTECTION Engineering controls:	VENTILATION SYSTEMS EXIST. NONE KNOWN NONE REQUIRED CLOTH GLOVES SAFETY GLASSES NONE REQUIRED CURE IN WELL VENTILATED AREAS NA
Precautions to be taken during handling and storage: 8. EXPOSURE CONTROLS / PERSONAL PROTECTION Engineering controls:	VENTILATION SYSTEMS EXIST. NONE KNOWN NONE REQUIRED CLOTH GLOVES SAFETY GLASSES NONE REQUIRED CURE IN WELL VENTILATED AREAS NA
Precautions to be taken during handling and storage: 8. EXPOSURE CONTROLS / PERSONAL PROTECTION Engineering controls:	VENTILATION SYSTEMS EXIST. NONE KNOWN NONE REQUIRED CLOTH GLOVES SAFETY GLASSES NONE REQUIRED CURE IN WELL VENTILATED AREAS NA
Precautions to be taken during handling and storage: 8. EXPOSURE CONTROLS / PERSONAL PROTECTION Engineering controls:	VENTILATION SYSTEMS EXIST. NONE KNOWN NONE REQUIRED CLOTH GLOVES SAFETY GLASSES NONE REQUIRED CURE IN WELL VENTILATED AREAS NA
Precautions to be taken during handling and storage: 8. EXPOSURE CONTROLS / PERSONAL PROTECTION Engineering controls:	VENTILATION SYSTEMS EXIST. NONE KNOWN NONE REQUIRED CLOTH GLOVES SAFETY GLASSES NONE REQUIRED CURE IN WELL VENTILATED AREAS NA NILD
Precautions to be taken during handling and storage: 8. EXPOSURE CONTROLS / PERSONAL PROTECTION Engineering controls:	VENTILATION SYSTEMS EXIST. NONE KNOWN NONE REQUIRED CLOTH GLOVES SAFETY GLASSES NONE REQUIRED CURE IN WELL VENTILATED AREAS NA NA NA NA NA NA INA NA NA NA NA NA NA NA NA NA NILD <1 1.30 1300 UNKNOWN NA NT



10. STABILITY and REACTIVITY

Stability: ------ STABLE
Hazardous polymerization: ------ WILL NOT OCCUR

Hazardous thermal decomposition/combustion products: ------ CARBON DIOXIDE, CARBON MONOXIDE

SILICON DIOXIDE, FORMALDEHYDE

Conditions to avoid: ----- NONE KNOWN

11. TOXICOLOGICAL INFORMATION

Product Information:

 Acute Oral LD50:
 UNKNOWN

 Acute Dermal LD50:
 UNKNOWN

 Acute Inhalation LC50:
 UNKNOWN

 Ames Test:
 UNKNOWN

12. ECOLOGICAL INFORMATION

Ecotoxicological Information: ------ UNKNOWN
Chemical Fate Information: ------ UNKNOWN

13. DISPOSAL CONSIDERATIONS

14. TRANSPORT INFORMATION

DOT Shipping Name: ------- NA
DOT Hazard Class: ------ NOT DOT REGULATED

15. REGULATORY INFORMATION

SARA Section 302: ----- NONE FOUND

RAR (IATA): ----- NA

 SARA (311, 312) Hazard Class:
 NONE

 SARA (313) Chemicals:
 NONE

 CPSC Classification:
 NA

 WHMIS Hazard Class:
 NONE

Export Schdle B/HTSUS ----- 3910.00 Silicones in primary form.

ECCN: ----- EAR99

Hazard Rating Systems

HMIS: ----- HEALTH 1, FLAMMABILITY 0, REACTIVITY 0
NFPA: ----- HEALTH 1, FLAMMABILITY 0, REACTIVITY 0

California Proposition 65: ----- NONE

16. OTHER

This product or its components are on the European inventory (EINECS) of existing commercial chemicals. This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.