



FORMAT:USA

MATERIAL SAFETY DATA SHEET  
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PRODUCT: SF96-5

POLY(DIMETHYL)SILOXANE

PAGE: 01

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURED BY:  
GE SILICONES  
260 HUDSON RIVER ROAD  
WATERFORD, NY 12188

SUPPLIED BY:  
GE SILICONES  
260 HUDSON RIVER ROAD  
WATERFORD, NY 12188

EMERGENCY PHONE (24 HRS)  
(518) 237-3330

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(518) 237-3330

REVISED: 02/06/96  
PREPARER: CE HANNIGAN  
CHEMICAL FAMILY/USE: SILICONE FLUID  
FORMULA: SILICONE FLUID

2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION/ CAS REG NO.	APPROX. WGT. %	ACGIH TLV TWA	OSHA PEL STEL	OSHA PEL TWA	OSHA PEL STEL	UNITS
A. HAZARDOUS None Found						
B. NON-HAZARDOUS POLYDIMETHYLSILOXANE 63148-62-9	80-99	NA	NE	NA	NE	NA

See Section 15 for description of any WHMIS Trade Secret(s).

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

This section not in use

POTENTIAL HEALTH EFFECTS:

INGESTION:

None known

SKIN CONTACT:

None known.

INHALATION:

None Known.

EYE CONTACT:

May cause mild eye irritation.

MEDICAL CONDITIONS AGGRAVATED:

None known.

SUBCHRONIC (TARGET ORGAN) EFFECTS:

None known.

CHRONIC EFFECTS/CARCINOGENICITY:

This product or one of its ingredients present 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

PRODUCTS/INGREDIENTS

MARKETED BY  
**HARWICK STANDARD**  
DISTRIBUTION CORPORATION  
60 S. Seiberling Street • Akron, Ohio 44305  
Akron • Chicago • Northeast • Southern • West Coast

This space reserved for special use.

**PRINCIPLE ROUTES OF EXPOSURE:**

None known.

**OTHER:**

Attention: Not for injection into humans.

This product contains Methylpolysiloxanes which can generate Formaldehyde at approximately 300 degrees farenheit (150'C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard. An MSDS for Formaldehyde is available from GE Silicones.

#### 4. FIRST AID MEASURES

**INGESTION:**

None known.

**SKIN:**

Wash with soap and water.

**INHALATION:**

None known.

**EYES:**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

**NOTE TO PHYSICIAN:**

None known.

#### 5. FIRE FIGHTING MEASURES

**FLASH POINT:** >135 (C) >275 (F)

**METHOD :** COC.

**IGNITION TEMP :** UNKN (C) UNKN (F)

**FLAMMABLE LIMITS IN AIR - LOWER (%):** NA

**FLAMMABLE LIMITS IN AIR - UPPER (%):** NA

**SENSITIVITY TO MECHANICAL IMPACT (Y/N):** NO

**SENSITIVITY TO STATIC DISCHARGE:**

Sensitivity to static discharge is not expected.

**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:**

Wipe, scrape or soak up in an inert material and put in a container for disposal.

Wash walking surfaces with detergent and water to reduce slip-hazard.

#### 7. HANDLING AND STORAGE

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

None known.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:**

None known.  
**RESPIRATORY PROTECTION:**  
 None known.  
**PROTECTIVE GLOVES:**  
 None known.  
**EYE AND FACE PROTECTION:**  
 Safety glasses.  
**OTHER PROTECTIVE EQUIPMENT:**  
 None known.  
**VENTILATION:**  
 None known.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PRODUCT INFORMATION:**

<b>BOILING POINT</b>	:	>232	(C) >450	(F)
<b>VAPOR PRESSURE(20 C)(MM HG):</b>	:	NEGL.		
<b>VAPOR DENSITY (AIR=1)</b>	:	NEGL.		
<b>FREEZING POINT</b>	:	NA	(C) NA	(F)
<b>MELTING POINT</b>	:	NA	(C) NA	(F)
<b>PHYSICAL STATE</b>	:	LIQUID		
<b>ODOR</b>	:	ODORLESS		
<b>COLOR</b>	:	STRAW		
<b>ODOR THRESHOLD (PPM)</b>	:	UNK		
<b>% VOLATILE BY VOLUME</b>	:	<1		
<b>EVAP. RATE(BUTYL ACETATE=1):</b>	:	<1		
<b>SPECIFIC GRAVITY (WATER=1)</b>	:	0.916		
<b>DENSITY (KG/M3)</b>	:	910.7		
<b>ACID/ALKALINITY (MEQ/G)</b>	:	<5 PPM		
<b>PH</b>	:	UNKN		
<b>VOC EXCL.H2O &amp; EXEMPTS(G/L):</b>	:	NT		
<b>SOLUBILITY IN WATER (20 C)</b>	:	NEGL.		
<b>SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):</b>	:	SOLUBLE IN TOLUENE		

## 10. STABILITY AND REACTIVITY

<b>STABILITY:</b>	STABLE
<b>HAZARDOUS POLYMERIZATION:</b>	WILL NOT OCCUR
<b>HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:</b>	
Carbon monoxide.	
Carbon dioxide.	
Silicon dioxide.	
Formaldehyde.	
<b>INCOMPATIBILITY (MATERIALS TO AVOID):</b>	
None known.	
<b>CONDITIONS TO AVOID:</b>	
None known.	

## 11. TOXICOLOGICAL INFORMATION

<b>PRODUCT INFORMATION:</b>	
<b>ACUTE ORAL LD50 (MG/KG):</b>	>40,000 (RAT)
<b>ACUTE DERMAL LD50 (MG/KG):</b>	NONE FOUND
<b>ACUTE INHALATION LC50 (MG/L):</b>	>535 MG/L (RAT)
<b>OTHER:</b>	
Non-irritating to skin (rbt).	
<b>AMES TEST:</b>	UNKNOWN

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time  
 CHEMICAL FATE INFORMATION: No data at this time

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:  
 Disposal should be made in accordance with federal, state and local regulations.  
 Incineration recommended in approved incinerator according to federal, state, and local regulations.

14. TRANSPORT INFORMATION

DOT SHIPPING NAME: NONE  
 DOT HAZARD CLASS: NOT DOT REGULATED  
 DOT LABEL(S): NONE  
 UN/NA NUMBER: NONE  
 PLACARDS: NONE  
 IATA:  
   NA  
 IMO IMDG-code: NONE  
 EMS No: NA  
 EUROPEAN CLASS:  
   RID (OCTI): NONE  
   ADR (ECE) : NONE  
   RAR (IATA): NONE

15. REGULATORY INFORMATION

SARA SECTION 302:  
   None Found  
 SARA (311,312) HAZARD CLASS:  
   NONE  
 SARA (313) CHEMICALS:  
   NONE  
 CPSC CLASSIFICATION: NONE  
 WHMIS HAZARD CLASS:  
   NON-CONTROLLED  
 WHMIS TRADE SECRET:  
   None  
 EXPORT:  
   SCHDLE B/HTSUS: 3910.00 Silicones in Primary Form  
   ECCN: EAR99  
 HAZARD RATING SYSTEMS  
   HMIS FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 0  
   NFPA FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 0  
 CALIFORNIA PROPOSITION 65:  
   NONE

16. OTHER INFORMATION

This product or its components are on the European inventory of existing commercial chemicals (EINECS).....  
 .....  
 These data are 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.

.....  
This product or its components are on the Australian inventory (ACOIN).....

.....  
C = ceiling limit                      NEGL = negligible  
EST= estimated                        NF = none found  
NA = not applicable                    UNKN = unknown  
NE = none established                REC = recommended  
ND = none determined                V = recomm. By vendor  
By-product = reaction by-            SKN = skin  
product, TSCA inventory            TS = trade secret  
status not required under            R = recommended  
40 CFR part 720.30(h-2)            MST = mist  
STEL = short term exposure        NT = not tested  
limit  
.....

DATE PRINTED: 03/25/98

\*\*\* END OF MSDS \*\*\*