

Distributed By: Leather Magic Inc.
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Monroe, NC 28110
704-283-5078

Chemical
Emergency: Chemtrec: 800-424-9300

GE Silicones

MATERIAL SAFETY DATA SHEET

SF96-1000 55G-DRUM (440.0 LBS-199.76KG)

Trade Name DIMETHYLPOLYSILOXANES

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufactured By: GES Waterford Plant
260 Hudson River Rd.
Waterford, NY 12188

Revised: 04/13/2004
Preparer: PRODUCT STEWADRSHIP COMPLIANCE AND STANDARDS
Chemical Family/Use: Silicone Fluid
Formula: Polydimethylsiloxane
CHEMTREC: 1-800-424-9300

HMIS

Flammability	1	REACTIVITY	0	Health	0
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NFPA

Flammability	1	REACTIVITY	0	Health	0
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2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT.%</u>
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A. HAZARDOUS

B. NON-HAZARDOUS

Polydimethylsiloxane	63148-62-9	>90%
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3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION! May cause eye irritation. Attention: Not for injection into humans. May generate formaldehyde at temperatures greater than 150 C (300 F). See Section 3 of MSDS for details.

POTENTIAL HEALTH EFFECTS

INGESTION:

None Known

SKIN:

None Known

INHALATION:

None Known

EYES: May cause mild irritation

MEDICAL CONDITIONS AGGRAVATED:

None Known

SUBCHRONIC (TARGET ORGAN):

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.

ROUTES OF EXPOSURE:

Eyes

OTHER: ATTENTION: Not for injection into humans. This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (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:

Do not induce vomiting. Slowly dilute with 1 -2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

SKIN:

Wash with soap and water. Get medical attention if irritation or symptoms from Section 3 develop.

INHALATION:

If inhaled, remove to fresh air. If not breathing give artificial respiration using a barrier device. If breathing is difficult give oxygen. Get medical attention.

EYES:

In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

NOTE TO PHYSICIAN:

None Known

5 FIRE FIGHTING MEASURES

FLASH POINT: >300 C 572 F

METHOD:

IGNITION TEMPERATURE:

FLAMMABLE LIMITS IN AIR - LOWER (%) no data available

FLAMMABLE LIMITS IN AIR - UPPER (%) no data available

SENSITIVITY TO MECHANICAL IMPACT: No

SENSITIVITY TO STATIC DISCHARGE: Sensitivity to static discharge is not expected

EXTINGUISHING MEDIA: All standard extinguishing agents are suitable

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

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 slipping hazard. Wear proper protective equipment as specified in the protective equipment section.

7. HANDLING AND STORAGE

STORAGE

Store away from heat, sources of ignition and incompatibles.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed when not in use. Avoid contact with skin and eyes. Keep away from children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS

Eyewash stations, Showers, Exhaust ventilation

RESPIRATORY PROTECTION

If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).

PROTECTIVE GLOVES

Rubber or plastic gloves

EYE AND FACE PROTECTION

Safety glasses

OTHER PROTECTIVE EQUIPMENT

Wear suitable protective clothing and eye/face protection

Exposure Guidelines

<u>Chemical</u>	<u>CAS REG NO.</u>	<u>ACGIH</u>	<u>OSHA</u>	<u>Supplier</u>

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT - C & F >204 ° C 399.20° F
VAPOR PRESSURE (20C) (MM HG)
VAPOR DENSITY (AIR=1)
FREEZING POINT
MELTING POINT
PHYSICAL STATE Liquid
ODOR None
COLOR Clear/Whitish
EVAPORATION RATE (BUTYL ACETATE=1)
SPECIFIC GRAVITY (WATER=1) ca.0.96
DENSITY (KG/M3) ca. 960 KG/M3
ACID/ALKALINITY (MEQ/G)
pH NA
VOLITILE ORGANIC CONTENT (VOL)
SOLUBILITY IN WATER (20 C) insoluable
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT) Slightly in Toulene
VOC EXCL. H2O & EXEMPTS (G/L)

10. STABILITY AND REACTIVITY

STABILITY

Stable

HAZARDOUS POLYMERIZATION

Will not occur

HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS

Carbon Dioxide (C)2 Carbon MonoxideformaldehydeSilicone dioxide.

INCOMPATABILITY (MATERIALS TO AVOID)

None Known.

CONDITIONS TO AVOID

None known.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL

LD50rat> 5,000mg/kg

ACUTE DERMAL

None found

ACUTE INHALATION

LC50 rat

OTHER

None

SENSITIZATION

Magnusson-Klingman guinea pigs in test with guinea oigs, the product did not show a sensitising effect (OED 406; GPMT according to Magnusson-Klingman).

SKIN IRRITATION

rabbit No skin irritation

EYE IRRITATION

rabbit No eye irritation

MUTAGENICITY

Unknown

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGY

no data available

CHEMICAL FATE

no data available

DISTRIBUTION

no data available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD

Disposal should be made in accordance with federal, state and local regulations

14. TRANSPORTATION INFORMATION

Not Regulated if Section is Blank

15. REGULATORY INFORMATION

US REGULATORY INFORMATION

<u>CERCLA PRODUCT COMPOSITION</u>	<u>CHEMICAL</u>	<u>CERCLA Reportable Quantity</u>
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CLEAN AIR ACT

CLEAN WATER ACT

SARA SECTION 302

SARA (311,312) HAZARD CLASS
No SARA Hazards

SARA (313) CHEMICALS

CANADIAN REGULATORY INFORMATION

WHIMIS HAZARD CLASS
NON-CONTROLLED

OTHER

SCHDLE B/HTSUS 3910.00 Silicones in primary form

ECCN EAR99

CALIFORNIA PROPOSITION 65

16 OTHER INFORMATION

OTHER

C= ceiling limit NEGL= negligible EST= estimated NF= none found NA= not applicable UNKN=unknown NE= none established REC= recommended ND= none determined V= recommended by vendor By-product = reation by-product; TSCA inventory status not required under 40CFR part 720.30(h-2) SKN= skin TS = Trade secret R= recommended MST= mist ST= short term exposure limit NT= not tested ppm= parts per million ppb= parts per billion

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.