



GE Silicones

 COPYRIGHT GENERAL ELECTRIC CO.

FORMAT: USA
 PRODUCT: AF9000

MATERIAL SAFETY DATA SHEET
 DIMETHYL SILICONE ANTIFOAM COMPOUND

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

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

REVISED: 05/01/02
 PREPARER: CE HANNIGAN
 CHEMICAL FAMILY/USE: SILICONE ANTIFOAM EMULSION
 FORMULA: MIXTURE

2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION/ CAS REG NO.	APPROX. WGT. %	ACGIH TLV TWA	ACGIH TLV STEL	OSHA PEL TWA	OSHA PEL STEL	UNITS
-------------------------------------	-------------------	------------------	-------------------	-----------------	------------------	-------

1. HAZARDOUS

None Found

2. NON-HAZARDOUS

DIMETHYLPOLYSILOXANES

63148-62-9	80-99	NA	NE	NA	NE	NA
------------	-------	----	----	----	----	----

HMDZ TREATED SILICA

68909-20-6	10-30	10	NE	15	NE	MG/M3
------------	-------	----	----	----	----	-------

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

3. HAZARDS IDENTIFICATION

MARKETED BY
HARWICK STANDARD
 DISTRIBUTION CORPORATION
 60 S. Seiberling Street • Akron, Ohio 44305

EMERGENCY OVERVIEW:
 CAUTION!
 May irritate the eyes.

ATTENTION: Not for injection into humans.
May generate formaldehyde at temperatures greater than 150 C
(300 F). See Section 3 of MSDS for details.

Odorless

Clear liquid

1☐ 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

This space reserved for special use.

PRINCIPLE 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. If victim is conscious, give 1-3
glasses of water to drink. Never give anything by mouth to
an unconscious person. Get medical attention if irritation
persists.

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, 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: >204 (C) >400 (F)
METHOD : PMCC
IGNITION TEMP : UNK (C) UNK (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:

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.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep container closed when not in use.

Avoid contact with skin and eyes.

Store away from heat, sources of ignition, and incompatibles.

Keep away from children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Showers and eyewash stations. See "Ventilation" below.

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 29 CFR 1910.134).

PROTECTIVE GLOVES:

Cloth gloves.

EYE AND FACE PROTECTION:

Safety glasses.

OTHER PROTECTIVE EQUIPMENT:

Wear eye protection and protective clothing.

VENTILATION:

Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

9. PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT INFORMATION:

BOILING POINT	:	NA	(C) NA	(F)
VAPOR PRESSURE (20 C) (MM HG)	:	NEG		
VAPOR DENSITY (AIR=1)	:	NA		
FREEZING POINT	:	<-34	(C) <-30	(F)
MELTING POINT	:	NA	(C) NA	(F)
PHYSICAL STATE	:	LIQUID		
ODOR	:	ODORLESS		
COLOR	:	GRAYISH		
ODOR THRESHOLD (PPM)	:	UNK		
% VOLATILE BY VOLUME	:	<1		
EVAP. RATE (BUTYL ACETATE=1)	:	<1		
SPECIFIC GRAVITY (WATER=1)	:	1.1		
DENSITY (KG/M3)	:	1018.5		
ACID/ALKALINITY (MEQ/G)	:	UNK		
PH	:	UNK		
VOC EXCL.H2O & EXEMPTS(G/L)	:	<6		
SOLUBILITY IN WATER (20 C)	:	INSOLUBLE		
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):			TOLUENE	

10. STABILITY AND REACTIVITY

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:

Carbon monoxide.

Carbon dioxide.

Silicon dioxide.

Formaldehyde.

INCOMPATIBILITY (MATERIALS TO AVOID):

None known.
CONDITIONS TO AVOID:
None known.

11. TOXICOLOGICAL INFORMATION

PRODUCT INFORMATION:

ACUTE ORAL LD50 (MG/KG): NA
ACUTE DERMAL LD50 (MG/KG): NA
ACUTE INHALATION LC50 (MG/L): NA

OTHER:

None.

AMES TEST: 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:
NOT REGULATED BY IATA

IMO IMDG-code: NOT REGULATED FOR OCEAN TRANSPORTATION
 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:
 D2A VERY TOXIC MATERIALS
 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 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.

.....
 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 limit NT = not tested

.....
This product is certified as Kosher and Parve when packaged in
containers bearing the KOF-K emblem.

*
DATE PRINTED: 01/07/03