

**GE Silicones**

FORMAT: USA

MATERIAL SAFETY DATA SHEET

PRODUCT: VISC-600M

DIMETHYLPOLYSILOXANE

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURED BY:

SUPPLIED BY:

GE BAYER SILICONES

GE SILICONES

D-51368 LEVERKUSEN

260 HUDSON RIVER ROAD

GERMANY

WATERFORD, NY 12188

EMERGENCY PHONE (24 HRS)

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(518) 237-3330

(518) 237-3330

REVISED: 05/17/00

PREPARER: MA HURLEY

CHEMICAL FAMILY/USE: SILICONE FLUID

FORMULA: POLYMER MDXM

2. COMPOSITION/INFORMATION ON INGREDIENTS

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

HAZARDOUS

None Found

2. NON-HAZARDOUS

DIMETHYLPOLYSILOXANE

63148-62-9	80-99	NA	NE	NA	NE	NA
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See Section 15 for description of any WHMIS Trade Secret(s).

3. HAZARDS IDENTIFICATION

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

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.

1~ NOTE TO PHYSICIAN:

None known.

5. FIRE FIGHTING MEASURES

FLASH POINT: >204 (C) >400 (F)

METHOD : PMCC

IGNITION TEMP : NA (C) NA (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) : NEG
FREEZING POINT : NA (C) NA (F)
MELTING POINT : NA (C) NA (F)
PHYSICAL STATE : LIQUID
ODOR : ODORLESS
COLOR : CLEAR
ODOR THRESHOLD (PPM) : UNK
% VOLATILE BY VOLUME : <1
EVAP. RATE(BUTYL ACETATE=1): <1
SPECIFIC GRAVITY (WATER=1) : .97
DENSITY (KG/M3) : 958.6
ACID/ALKALINITY (MEQ/G) : ~7
PH : NA
VOC EXCL.H2O & EXEMPTS(G/L): NT
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.

Formaldehyde.

INCOMPATIBILITY (MATERIALS TO AVOID):

None known.

CONDITIONS TO AVOID:

None known.

11. TOXICOLOGICAL INFORMATION

PRODUCT INFORMATION:

ACUTE ORAL LD50 (MG/KG): 20,000 RAT

ACUTE DERMAL LD50 (MG/KG): NONE

ACUTE INHALATION LC50 (MG/L): NONE

OTHER:

Tested for acute oral LD50.

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.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

SARA SECTION 302:
None Found
SARA (311,312) HAZARD CLASS:
NONE
SARA (313) CHEMICALS:
NONE
CPSC CLASSIFICATION: NA
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).....

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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.

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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

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