



FORMAT: USA

MATERIAL SAFETY DATA SHEET

PRODUCT: VISC-30M

DIMETHYLPOLYSILOXANE

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION  
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MANUFACTURED BY:

SUPPLIED BY:

GE SILICONES

GE SILICONES

260 HUDSON RIVER ROAD

260 HUDSON RIVER ROAD

WATERFORD, NY 12188

WATERFORD, NY 12188

EMERGENCY PHONE (24 HRS)

EMERGENCY PHONE (24 HRS)

(518) 237-3330

(518) 237-3330

REVISED: 12/10/01

PREPARER: CE HANNIGAN

CHEMICAL FAMILY/USE: SILICONE FLUID

FORMULA: POLYMER MDXM

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2. COMPOSITION/INFORMATION ON INGREDIENTS  
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PRODUCT COMPOSITION/ CAS REG NO.	APPROX. WGT. %	ACGIH TLV TWA	OSHA PEL STEL	ACGIH TLV TWA	OSHA PEL STEL	UNITS
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HAZARDOUS						
None Found						
2. NON-HAZARDOUS						
DIMETHYLPOLYSILOXANE						
63148-62-9	80-99	NA	NE	NA	NE	NA

HAZARDOUS

None Found

2. NON-HAZARDOUS

DIMETHYLPOLYSILOXANE

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

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

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3. HAZARDS IDENTIFICATION  
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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.

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4. FIRST AID MEASURES

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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.

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5. FIRE FIGHTING MEASURES

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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.

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6. ACCIDENTAL RELEASE MEASURES

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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.

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7. HANDLING AND STORAGE

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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.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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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.

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9. PHYSICAL AND CHEMICAL PROPERTIES

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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

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10. STABILITY AND REACTIVITY  
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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.

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11. TOXICOLOGICAL INFORMATION  
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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

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12. ECOLOGICAL INFORMATION  
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ECOTOXICOLOGICAL INFORMATION: No data at this time

CHEMICAL FATE INFORMATION: No data at this time

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13. DISPOSAL CONSIDERATIONS  
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DISPOSAL METHOD:

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

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14. TRANSPORT INFORMATION  
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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

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15. REGULATORY INFORMATION  
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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

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16. OTHER INFORMATION  
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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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This product or its components are on the Australian inventory (ACQIN).....

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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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