

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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REVISED: 05/31/95  
 PREPARER: CE HANNIGAN  
 CHEMICAL FAMILY/USE: SILICONE RUBBER  
 FORMULA: MIXTURE

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						
METHYLTRIAACETOXYSILANE 4253-34-3	1-5	10 (R)	NE	10 (R)	NE	PPM
B. NON-HAZARDOUS						
POLYDIMETHYLSILOXANE SILANOL/STPD 70131-67-8	60-80	-	NE	-	NE	-
TRADE SECRET COMPONENT	5-10	NF	NE	NF	NE	NA
TRADE SECRET COMPONENT	5-10	10	NE	15	NE	MG/M3

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

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

This section not in use

POTENTIAL HEALTH EFFECTS:

INGESTION:

None known

SKIN CONTACT:

Uncured product contact will irritate lips, gums and tongue.  
 Uncured product contact may irritate the skin.

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## INHALATION:

Causes mild respiratory irritation.

## EYE CONTACT:

Uncured product contact irritates eyes.

## MEDICAL CONDITIONS AGGRAVATED:

Respiratory

## 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.

Inhalation.

## OTHER:

Acetic acid released during curing.

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

## INGESTION:

None known.

## SKIN:

To clean from skin, remove completely with a dry cloth or paper towel, before washing with detergent and water.

Get medical attention if irritation persists.

## INHALATION:

None known.

## 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.

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#### 5. FIRE FIGHTING MEASURES

FLASH POINT:

NA

(C) NA

(F)

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METHOD : NA  
IGNITION TEMP : UNK (C) UNK (F)  
FLAMMABLE LIMITS IN AIR - LOWER (%): UNK  
FLAMMABLE LIMITS IN AIR - UPPER (%): UNK  
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.

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#### 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.

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#### 7. HANDLING AND STORAGE

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

Avoid contact with skin and eyes.  
Caution!  
Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the fingertips, nails and cuticles. Residual sealant may remain on fingers for several days and transfer to lenses and cause severe eye irritation.  
Product releases acetic acid during application and curing.  
Use mechanical ventilation to stay below TLV of 10 ppm acetic acid.  
Uncured product contact irritates eyes.  
Uncured product contact may irritate skin.  
Use in a well ventilated area to prevent irritation by vapors.

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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

##### ENGINEERING CONTROLS:

Eyewash stations.  
Use in a well ventilated area.

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Localized ventilation should be used to control dust levels.

RESPIRATORY PROTECTION:

Use in a well ventilated area.

Use approved NIOSH respiratory protection if TLV exceeded.....

Or over exposure is likely.

PROTECTIVE GLOVES:

Cloth gloves.

EYE AND FACE PROTECTION:

Safety glasses.

OTHER PROTECTIVE EQUIPMENT:

None known.

VENTILATION:

Use only in well ventilated area.

Mechanical ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT INFORMATION:

BOILING POINT	:	NA	(C) NA	(F)
VAPOR PRESSURE (20 C) (MM HG)	:	NA		
VAPOR DENSITY (AIR=1)	:	NA		
FREEZING POINT	:	NA	(C) NA	(F)
MELTING POINT	:	NA	(C) NA	(F)
PHYSICAL STATE	:	SOLID		
ODOR	:	ACETIC ACID		
COLOR	:	TRANSLUCENT		
ODOR THRESHOLD (PPM)	:	UNK		
% VOLATILE BY VOLUME	:	<8		
EVAP. RATE (BUTYL ACETATE=1)	:	<1		
SPECIFIC GRAVITY (WATER=1)	:	1.04		
DENSITY (KG/M3)	:	1040		
ACID/ALKALINITY (MEQ/G)	:	NA		
PH	:	NA		
VOC (EPA METH.24) (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.	

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Silicon dioxide.

Acetic acid.

Formaldehyde.

INCOMPATIBILITY (MATERIALS TO AVOID):

None known.

CONDITIONS TO AVOID:

None known.

11. TOXICOLOGICAL INFORMATION

METHYLTRIACETOXYSILANE

ACUTE ORAL LD50 (MG/KG): 2,060 (RAT)

ACUTE DERMAL LD50 (MG/KG): NONE FOUND

ACUTE INHALATION LC50 (MG/L): NONE FOUND

OTHER:

None.

AMES TEST:

POLYDIMETHYLSILOXANE SILANOL/STPD

ACUTE ORAL LD50 (MG/KG): >40000 RAT

ACUTE DERMAL LD50 (MG/KG): NON-IRRITATING RET

ACUTE INHALATION LC50 (MG/L): >535 RAT

OTHER:

None.

AMES TEST:

TRADE SECRET COMPONENT

ACUTE ORAL LD50 (MG/KG): >40,000 RAT, ESTM.

ACUTE DERMAL LD50 (MG/KG): NONE FOUND

ACUTE INHALATION LC50 (MG/L): >535 MG/L ESTM.

OTHER:

None.

AMES TEST:

TRADE SECRET COMPONENT

ACUTE ORAL LD50 (MG/KG): >10,000MG/KG (RAT)

ACUTE DERMAL LD50 (MG/KG): NA

ACUTE INHALATION LC50 (MG/L): NA

OTHER:

None.

AMES TEST:

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**12. ECOLOGICAL INFORMATION**

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

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**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:**

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

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**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  
EUROPEAN CLASS:  
RID (OCTI): NONE  
ADR (ECE): NONE  
RAR (IATA): NONE

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**15. REGULATORY INFORMATION**

SARA SECTION 302:  
None Found  
SARA (311,312) HAZARD CLASS:  
ACUTE HEALTH HAZARD  
SARA (313) CHEMICALS:  
NONE  
CPSC CLASSIFICATION: IRRITANT  
WEMIS HAZARD CLASS:  
D2B TOXIC MATERIALS  
WEMIS TRADE SECRET:  
None  
EXPORT:  
SCHDLE B/HTSUS: 3910.00 Silicones in Primary Form  
ECCN: 1C96G

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HAZARD RATING SYSTEMS

HMIS	FLAMMABILITY 0	, REACTIVITY 0	, HEALTH 2
NFPA	FLAMMABILITY 0	, REACTIVITY 0	, HEALTH 2

CALIFORNIA PROPOSITION 65:  
NONE

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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-product, TSCA inventory status not required under 40 CFR part 720.30(h-2)	SKN = skin
STEL = short term exposure limit	TS = trade secret
	R = recommended
	MST = mist
	NT = not tested

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DATE PRINTED: 07/09/96

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