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 COPYRIGHT GENERAL ELECTRIC CO.  
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FORMAT: USA  
 PRODUCT: HENC1.01

MATERIAL SAFETY DATA SHEET  
 SILICONE RUBBER COMPOUND  
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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION  
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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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 (518) 237-3330

REVISED: 09/21/00  
 PREPARER: CE HANNIGAN  
 CHEMICAL FAMILY/USE: SILICONE RUBBER  
 FORMULA: MIXTURE  
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2. COMPOSITION/INFORMATION ON INGREDIENTS  
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PRODUCT COMPOSITION/ CAS REG NO.	APPROX. WGT. %	ACGIH TLV TWA	ACGIH TLV STEL	OSHA PEL TWA	OSHA PEL STEL	UNITS
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1. HAZARDOUS						
METHYLTRIAACETOXYSILANE						
4253-34-3	1-5	10(R)	NE	10(R)	NE	PPM
2. NON-HAZARDOUS						
POLYDIMETHYLSILOXANE SILANOL/STPD						
70131-67-8	60-80	-	NE	-	NE	-
DIMETHYLPOLYSILOXANE						
63148-62-9	5-10	NE	NA	NE	NA	NA
TREATED FUMED SILICA						

1. HAZARDOUS

METHYLTRIAACETOXYSILANE

4253-34-3 1-5 10(R) NE 10(R) NE PPM

2. NON-HAZARDOUS

POLYDIMETHYLSILOXANE SILANOL/STPD

70131-67-8 60-80 - NE - NE -

DIMETHYLPOLYSILOXANE

63148-62-9 5-10 NE NA NE NA NA

TREATED FUMED SILICA

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

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3. HAZARDS IDENTIFICATION  
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EMERGENCY OVERVIEW:

This section not in use

POTENTIAL HEALTH EFFECTS:

INGESTION:

May be harmful if swallowed.

1 SKIN CONTACT:

Uncured product contact will irritate lips, gums and tongue.

Uncured product contact may irritate the skin.

INHALATION:

Causes irritation of the mouth, nose, and throat.

Applies only in uncured state.

EYE CONTACT:

Uncured product contact irritates eyes.

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:

Dermal - skin.

Eyes.

Inhalation.

OTHER:

Acetic acid released during curing.

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4. FIRST AID MEASURES  
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INGESTION:

Rinse mouth with water several times.

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:

Move person to fresh air.

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.

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5. FIRE FIGHTING MEASURES  
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FLASH POINT: NA (C) NA (F)  
METHOD : NA  
1 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  
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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.  
Wear proper protective equipment as specified in the protective equipment section.

7. HANDLING AND STORAGE

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Avoid contact with skin and eyes.

Use only in a well ventilated area.

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.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS:

Eyewash stations.

Use in a well ventilated area.

RESPIRATORY PROTECTION:

Use in a well ventilated area.

Use approved NIOSH respiratory protection if TLV exceeded or overexposure 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.

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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): 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 : <3.9  
EVAP. RATE(BUTYL ACETATE=1): <1  
SPECIFIC GRAVITY (WATER=1) : 1.04  
DENSITY (KG/M3) : 1040  
ACID/ALKALINITY (MEQ/G) : NA  
PH : NA  
VOC EXCL.H2O & EXEMPTS(G/L): <41  
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.  
Silicon dioxide.  
Acetic acid.  
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): UNKNOWN  
ACUTE DERMAL LD50 (MG/KG): UNKNOWN  
ACUTE INHALATION LC50 (MG/L): UNKNOWN  
OTHER:  
None.

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): 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:

1 RID (OCTI): NONE

ADR (ECE) : NONE

RAR (IATA): NONE

15. REGULATORY INFORMATION

SARA SECTION 302:

None Found

SARA (311,312) HAZARD CLASS:

ACUTE HEALTH HAZARD

CHRONIC HEALTH HAZARD

SARA (313) CHEMICALS:

NONE

CPSC CLASSIFICATION: IRRITANT

WHMIS HAZARD CLASS:

D2A VERY TOXIC MATERIALS

D2B 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 2

NFPA FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 2

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.

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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-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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