

GENERAL ELECTRIC CO., SILICONE PRODUCT DIV. -- RTV112 SILICONE SEALANT --
8040-00-113-9450

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Product Identification
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Product ID:RTV112 SILICONE SEALANT

MSDS Date:09/17/1997

FSC:8040

NIIN:00-113-9450

Status Code:A

MSDS Number: CHYXJ

=== Responsible Party ===

Company Name:GENERAL ELECTRIC CO., SILICONE PRODUCT DIV.

Address:260 HUDSON RIVER ROAD

City:WATERFORD

State:NY

ZIP:12188

Country:US

Info Phone Num:518-237-3330/FAX 518-233-3795

Emergency Phone Num:518-237-3330

Preparer's Name:JL MCGUFFEY

CAGE:01139

=== Contractor Identification ===

Company Name:GENERAL ELECTRIC CO, SILICONE PRODUCTS BUSINESS DEPT

Address:260 HUDSON RIVER RD

Box:City:WATERFORD

State:NY

ZIP:12188

Country:US

Phone:518-237-3330/800-332-3390

CAGE:01139

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Composition/Information on Ingredients
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Ingred Name:DI-TERT-BUTOXYDIACETOXYSILANE;

CAS:13170-23-5

Fraction by Wt: 1-5%

Other REC Lim

its:NONE RECOMMENDED

Ingred Name:SILANE, METHYLTRACETOXY-

CAS:4253-34-3

RTECS #:VV4500000

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT ESTABLISHED.

ACGIH TLV:NOT ESTABLISHED.

Ingred Name:OCTAMETHYLCYCLOTETRASILOXANE

CAS:556-67-2

RTECS #:GZ4397000

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

Ingred Name:DIMETHYL POLYSILOXANE SILANOL/ST

CAS:70131-67-8

Fraction by Wt: 60-80%

Other REC Limits:NONE RECOMMENDED

554-67-6
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED

Ingred Name:AMORPHOUS SILICA
CAS:112945-52-5
RTECS #:VV7310000
Fraction by Wt: 10-30%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:6 MG/M3
ACGIH TLV:10 MG/M3

===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INGEST:MAY BE
HARMFUL IF

SWALLOWED.SKIN:UNCURED PRO CONTACT WILL IRRIT LIPS,GUMS,TONGUE,MAY
IRRIT SKIN.INHAL:CAUSES IRRIT OF MOUTH/NOSE/THROAT.APPLIES ONLY IN
UNCURED STATE.EYE:UNCURED PROD CONTACT IR RIT EYES. CONTAINS
METHYLPOLYSILOXANES WHICH CAN GENERATE FORMALDEHYDE @APPROX
300F/150C & ABOVE IN ATM W/OXY.(SIGN/SYM)

Explanation of Carcinogenicity:PER MSDS:THIS PRODUCT OR 1 OF ITS
INGREDS PRESENT 0.1% OR MORE IS NOT LISTED AS CARC OR SUSP CARC BY
NTP/IARC/OSHA.

Effects of Overex

posure:HARMFUL IF SWALLOWED, IRRIT

LIPS/GUMS/TONGUE/SKIN.IRRIT MOUTH/NOSE/THROAT. HEALTH:FORMALDEHYDE
SKIN/RESP SENS,EYE/THROAT IRRIT,ACUTE TOXICANT,POT CANC HAZ.MSDS
FOR FORMALDEHYDE AVAI FROM GE SILICONES.

Medical Cond Aggravated by Exposure:NONE KNOWN. TARGET
ORGANS:REPRODUCTIVE DISORDERS.MAY CAUSE LIVER EFFECTS.

===== First Aid Measures =====

First Aid:INGEST:RINSE MOUTH W/WATER SEVERAL TIMES.SKIN:TO CLEAN FRM
SKIN REMOVE COMPLETELY
W/DRY CLOTH/PAPER TOWEL BEF WASH
W/DETERGENT/WATER.GET MED ATTN IF IRRIT PERSISTS.INHAL:MOVE TO
FRESH AIR.EYES:IN CASE OF CONTACT IMMED FLUSH W/PLENTY OF WATER
FOR @LEAST 15MINS.GET MED ATTN IF IRRIT PERSISTS.NOTE TO
PHYSICIAN:NONE KNOWN.

===== Fire Fighting Measures =====

Flash Point Method:PMCC
Flash Point:162F,72C
Autoignition Temp:Autoignition Temp Text:UNK
Lower Limits:UNK
Upper Limits:UNK
Extinguishing Media:ALL STANDARD FIREFIGHTING ME

DIA.
Fire Fighting Procedures:COMBUSTIBLE.
Unusual Fire/Explosion Hazard:COMBUSTIBLE.SENSITIVITY TO STATIC
DISCHARGE IS EXPECTED;MATL HAS FLASH PT BELOW 200F.

===== Accidental Release Measures =====

Spill Release Procedures:WIPE/SCRAPE/SOAKUP IN INERT MATL,PUT IN CNTNR
FOR DISPO.WASH WALKING SURF W/DETERGENT & WATER TO REDUCE SLIPPING
HAZ.WEAR PROPER PROTECTIVE EQPMT AS SPECIFIED IN PROTECTIVE EQPMT
SECTION.
Neutralizing Agent:NONE SPECIFIED BY MANUF
ACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:AVOID EYE/SKIN
CONTACT.CAUTION!COMBUST.REMOVE CONTACT LENSES BEF USING
SEALANT.DONT HNDL LENSES TIL ALL SEALANT HAS BEEN CLEAN FRM
FINGER/NAILS/CUTICL
Other Precautions:RESIDUAL SEALNT MAY REMAIN ON FINGERS FOR SEVERAL
DAYS & TRANSFER TO LENSES & CAUSE SEVERE EYE IRRIT.PROD RELEASES
ACETIC ACID DURING APPLICATION & CURING.USE MECH VENTI TO STAY
BELOW TLV OF 10PP
M ACE TIC ACID.UNCURED PROD CONTACT (SUPPLEME)

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE IN WELL VENTILATED AREA.USE APPROVED NIOSH
RESPIRATORY PROTECTION IF TLV EXCEEDED OR OVEREXPOSURE IS LIKELY.
Ventilation:EXHAUST VENTILATION.USE IN WELL VENTILATED AREA.MECHANICAL
VETILATION.
Protective Gloves:RUBBER GLOVES.CLOTH GLOVES.
Eye Protection:SAFETY GLASSES.
Other Protective Equipment:EYEWASH STATIONS.
Work Hygienic Practices:NONE SPECI
FIED BY MANUFACTURER.
Supplemental Safety and Health
OTHER PRECAUT:IRRIT EYE/MAY IRRIT SKIN.USE IN WELL VENTI AREA TO
PREVENT IRRIT BY VAPORS.

===== Physical/Chemical Properties =====

HCC:V7
Boiling Pt:B.P. Text:NA
Melt/Freeze Pt:M.P/F.P Text:NA
Decomp Temp:Decomp Text:NP
Vapor Pres:NA
Vapor Density:NA
Spec Gravity:1.05
pH:NA
Viscosity:NP
Evaporation Rate & Reference: