

GENERAL ELECTRIC CO. SILICONE PRODUCTS DIVISION -- RTV31 -- 5970-01-149-0707

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Product Identification
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Product ID:RTV31

MSDS Date:12/19/1989

FSC:5970

NIIN:01-149-0707

MSDS Number: BGNYPH

=== Responsible Party ===

Company Name:GENERAL ELECTRIC CO. SILICONE PRODUCTS DIVISION

Address:HUDSON RIVER ROAD

City:WATERFORD

State:NY

ZIP:12188

Country:US

Info Phone Num:518-237-3330

Emergency Phone Nu

m:518-237-3330

CAGE:01139

=== Contractor Identification ===

Company Name:EATON CORP PRESSURE SENSORS DIV

Address:15 DURANT AVE

Box:City:BETHEL

State:CT

ZIP:06801-1901

Country:US

Phone:203-796-6000

CAGE:02750

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:ETHYLORTHOSILICATE

CAS:

110990-60-2

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 PPM

ACGIH TLV:10 PPM

Ingred Name:"NOT HAZARDOUS"

Fraction by Wt: 95-99%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ETHYL SILICATE->1000 MG/KG ORAL RAT

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: MAY CAUSE EYE AND SKIN IRRITATION, AND

MILD RESPIRATORY IRRITATION. MAY BE HARMFUL IF SWALLOWED. CHRONIC: RESPIRATORY AILMENTS, LIVER AND KIDNEY DAMAGE.

Explanation of Carcinogenicity:NONE OF THE INGREDIENTS IN THIS PRODUCT IS LISTED BY NTP, IARC OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EYES/SKIN: IRRITATION. INHALATION: MILD RESPIRATORY IRRITATION. INGESTION: MAY CAUSE STOMACH DISCOMFORT.

Medical Cond Aggravated by Exposure:NONE KNOWN

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

First A

id:EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEE DOCTOR. SKIN: WASH WITH SOAP AND WATER. INHALATION: REMOVE VICTIM TO FRESH AIR. INGESTION: DO NOT INDUCE VOMITING. SEE DOCTOR.

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

Flash Point Method:TCC

Flash Point:>250F/>121C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A

FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:WEAR PROTECTIVE CLOTHING AND EQUIPMENT. 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.

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

Handling and Storage Precautions:NO SPECIAL STORAGE REQUIREMENTS. AVOID CONTACT WITH EYES AND SKIN. DO NOT BREATHE VAPORS.

Other Precautions:NONE.

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

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:MECHANICAL (GENERAL) VENTILATION.

Protective Gloves:CLOTH

Eye Protection:SAFETY GLASSES

Other Protective Equipment:EYEWASH FOUNTAIN

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING.

Supplemental Safety and Health

NONE.

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

HCC:N1

Boiling Pt:B.P. Text:>545F,>285C

Vapor Pres:NEGLIGIBLE

Vapor Density:>1

Spec Gravity:1.40

Evaporation Rate & Reference:NEGL (BUTYL ACETATE = 1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:RED LIQUID, SLIGHT ODOR

Percent Volatiles by Volume: