

GE SILICONES -- RTV11, RTV SILICONE RUBBER -- 5970-00-832-8028

===== Product Identification =====

Product ID:RTV11, RTV SILICONE RUBBER

MSDS Date:04/01/2001

FSC:5970

NIIN:00-832-8028

Status Code:A

Kit Part:Y

MSDS Number: CLRKZ

=== Responsible Party ===

Company Name:GE SILICONES

Address:260 HUDSON RIVER ROAD

City:WATERFORD

State:NY

ZIP:12188

Country:US

Info Phone Num:518-237-3330

Emergency Phone Num:518-237-3330

Preparer's Name:CE HANNIGAN

CAGE:01139

=== Contra

ctor 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

Company Name:POLYMER ENGINEERING INCORPORATED

Address:41 CHESTNUT ST

Box:City:GREENWICH

State:CT

ZIP:06830

Country:US

Phone:PH: 203-531-1100 FAX:203-532-1974

Contract Num:SP0430-99-M-Y609

CAGE:1FWX0

Company Name:THE SMITH GROUP INC.

Address:811 E. CAYUGA STREET

Box:City:PHILADELPHIA

State:

PA
ZIP:19124-3893
Country:US
Phone:215-743-8200
Contract Num:SP0400-02-T-4554
CAGE:2B613
Company Name:THE SMITH GROUP INC.
Address:811 E. CAYUGA STREET
Box:City:PHILADELPHIA
State:PA
ZIP:19124-3893
Country:US
Phone:215-743-8200
Contract Num:SP0430-99-M-TM74
CAGE:2B613
Company Name:THE SMITH GROUP INC.
Address:811 E. CAYUGA STREET
Box:City:PHILADELPHIA
State:PA
ZIP:19124-3893
Country:US
Phone:215-743-8200
Contract Num:SP0430-99-M-Y870
CAGE:2B613
Company Name:THE SMITH GROUP INC.
Address:811 E. CA
YUGA STREET
Box:City:PHILADELPHIA
State:PA
ZIP:19124-3893
Country:US
Phone:215-743-8200
Contract Num:SP0430-99-M-Y987
CAGE:2B613

===== Composition/Information on Ingredients =====

Ingred Name:ETHYL SILICATE 40
CAS:11099-06-2
Minumum % Wt:1.
Maxumum % Wt:5.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:10 PPM

Ingred Name:DIMETHYL POLYSILOXANE
CAS:70131-67-8
Minumum % Wt:60.
Maxumum % Wt:80.
Other REC Limits:NONE RECOMMENDED

Ingred Name:CALCIUM CARBONATE
CAS:47

1-34-1
RTECS #:FF9335000
Minumum % Wt:10.
Maxumum % Wt:30.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) >40,000 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS: RESPIRATORY, LIVER AND KIDNEY. ACUTE EFFECTS - INGESTION: HARMFUL IF SWALLOWED. SKIN CONTACT: MAY CAUSE MILD SKIN IRRITATION. INHALATION: MAY CAUSE MILD RESPIRATORY IRRITATION. EYE CONT ACT: MAY IRRITATE EYES. SUBCHRONIC EFFECTS - RESPIRATORY AILMENTS, LIVER AND KIDNEY DAMAGE.
Explanation of Carcinogenicity:THIS PRODUCT OR ONE OF ITS INGREDIENTS PRESENT 0.1% OR MORE IS NOT LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA.
Effects of Overexposure:EYES: IRRITATION. SKIN: MILD IRRITATION. INHALATION: MILD RESPIRATORY IRRITATION. INGESTION: HARMFUL IF SWALLOWED.
Medical Cond Aggravated by Exposure:RESPIRATORY DISORDERS. APPLIES IN UNCURED STATE. PRE-EXISTING LIVER OR KIDNEY DISORDERS.

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

First Aid:INGESTION: DO NOT INDUCE VOMITING. SLOWLY DILUTE WITH 1-2 GLASSES OF WATER OR MILK AND SEEK MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SKIN: WASH WITH SOAP AND WATER. IN HALATION: NONE KNOWN. EYES: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WIT H PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

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

Flash Point Method:COC
Flash Point:≈298.9C, 570.F
Extinguishing Media:ALL STANDARD FIREFIGHTING MEDIA.
Fire Fighting Procedures:SPECIAL FIRE FIGHTING PROCEDURES: NONE KNOWN.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.
SENSITIVITY TO MECHANICAL IMPACT: NO. SENSITIVITY TO STATIC DISCHARGE IS NOT EXPECTED.

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

Spill Release Procedures:WIPE, SCRAPE OR SOAK UP SPILL 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 (CONTROL MEASURE). INCREASE AREA VENTILATION.

Neutralizing Agent:NOT RELEVANT

===== Handling and Storage =====
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Handling and Storage Precautions:AVOID CONTACT WITH EYES AND SKIN. USE ONLY IN WELL VENTILATED AREA. CAUTION.

Other Precautions:NOT PROVIDED.

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

Respiratory Protection:NONE KNOWN.

Ventilation:USE ONLY IN WELL VENTILATED AREA.

Protective Gloves:RUBBER GLOVES.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:EYE WASH STATION.

Work Hygienic Practices:HMIS: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMEND

ED PROCEDURES. WASH BEFORE EATING OR DRINKING.

Supplemental Safety and Health

KEY1:T6. (FOR THIS PART). KIT CONSISTS OF TWO PARTS, SAME NSN. FOR OTHER PART(DBT CATALYST) SEE MSDS #CLFLY.

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

HCC:V5

Boiling Pt.=168.C, 334.4F

B.P. Text:ETHYL SILICATE 40

Vapor Pres:1.0 MM HG (ETH SIL 40)

Vapor Density:7.2 (AIR=1

Spec Gravity:1.2 (WATER=1)

VOC Pounds/Gallon:6

Evaporation Rate & Reference:>1 (N-BUTYL ACETATE=1)

Solubility in

Water:NEGL. (SOLUBLE TOL & XYL)

Appearance and Odor:WHITE LIQUID - SLIGHT ODOR. (ODOR THRESHOLD 17 PPM).

Percent Volatiles by Volume:2

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NONE KNOWN.

Stability Condition to Avoid:NONE KNOWN.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, FORMALDEHYDE, ETHANOL.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Toxicological Information ===
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Toxicological Information:AMES TEST: DIMETHYL POLYSILOXANE- ACUTE ORAL LD50, RAT >40,000 MG/KG. ACUTE DERMAL LD50, RBT NON-IRRITATING. ACUTE INHALATION LC50, RAT >535 MG/KG.

===== Ecological Information =====

Ecological:NO DATA AT THIS TIME.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSAL SHOULD BE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS. BURY IN A LICENSED LANDFILL OR BURN IN AN APPROVED INCINERATOR ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:NOT DOT REGULATED. NOT IATA REGULATED. NOT IMO REGULATED.

===== Regulatory Information =====

SARA Title III Information:SARA (311,312) HAZARD CLASS: ACUTE AND CHRONIC HEALTH HAZARD: NONE.

Federal Regulatory Information:NOT PROVIDED.

State Regulatory In

formation:CALIFORNIA PROPOSITION 65: NONE.

===== Other Information =====

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