

GE SILICONES -- SILICONE RUBBER, RTV88 -- 8030-00-761-4040

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

Product ID:SILICONE RUBBER, RTV88

MSDS Date:06/09/1998

FSC:8030

NIIN:00-761-4040

Status Code:A

MSDS Number: CJNCJ

=== Responsible Party ===

Company Name:GE SILICONES

Address:260 HUDSON RIVER RD

City:WATERFORD

State:NY

ZIP:12188

Country:US

Info Phone Num:518-237-3330

Emergency Phone Num:518-237-3330

Prepar

er's Name:CE HANNIGAN

CAGE:GESIL

=== Contractor Identification ===

Company Name:GE SILICONES

Address:260 HUDSON RIVER ROAD

City:WATERFORD

State:NY

ZIP:12188

Country:US

Phone:518-237-3330

CAGE:GESIL

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

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

Ingred Name:ETHYL SILICATE 40 (PART A)

CAS:11

099-06-2

Minimum % Wt:1.

Maximum % Wt:5.

Other REC Limits:N/K

OSHA PEL:100 PPM

OSHA STEL:N/K

ACGIH TLV:10 PPM

ACGIH STEL:N/K

Ingredient Name:HYDROGENATED CASTOR OIL (PART B)

CAS:8001-78-3

RTECS #:FI4130000

Minimum % Wt:1.

Maximum % Wt:5.

Other REC Limits:N/K

OSHA PEL:N/K

OSHA STEL:N/K

ACGIH TLV:N/K

ACGIH STEL:N/K

Ingredient Name:IMETHYL POLYSILOXANE (PART B)

CAS:70131-67-8

RTECS #:WW3168750

Minimum % Wt:30.

Maximum % Wt:60.

Other REC Limits:N/K

OSHA PEL:N/K

OSHA STEL:N/K

ACGIH TLV:N/K

ACGI

H STEL:N/K

Ingredient Name:DIATOMACEOUS EARTH, FLUX-CALCINED; (DIATOMACEOUS EARTH)
(PART B)

CAS:68855-54-9

Minimum % Wt:10.

Maximum % Wt:30.

Other REC Limits:N/K

OSHA PEL:0.05 MG/M3

OSHA STEL:N/K

ACGIH TLV:0.05 MG/M3

ACGIH STEL:N/K

Ingredient Name:RED IRON OXIDE (PART B)

CAS:1309-37-1

RTECS #:NO7400000

Minimum % Wt:30.

Maximum % Wt:60.

Other REC Limits:N/K

OSHA PEL:10 MG/M3

OSHA STEL:N/K

ACGIH TLV:5 MG/M3;2 PPM

ACGIH STEL:N/K

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

=====

LD50 LC50 Mixture:SEE TOXICOLOGICAL INFORMATION.

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

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

Health Hazards Acute and Chronic:INGESTION: MAY BE HARMFUL IF

SWALLOWED. SKIN: PLANT EXPERIENCE HAS SHOWN THAT SKIN HAZARD IS NOT APPLICABLE IN THIS FORM. INHALATION: MAY CAUSE MILD RESPIRATORY IRRITATION. EYES: MAY IRRITATE EYES. SUBCHRONIC (TARGET ORGAN) EFFECTS: RESPIRATORY AILMENTS. LIVER AND KIDNEY DAMAGE. OTHER: T

HIS

PRODUCT CONTAINS METHYLPOLYSILOXANES WHICH CAN GENERATE FORMALDEHYDE AT APPROXIMATELY 300F (150C) 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.

Explanation of Carcinogenicity:THIS PRODUCT OR ONE OF ITS INGREDIENTS PRESENT 0.1% OR MORE IS NOT LISTED AS A CARCINOGEN OR SUSPECTED CARC

INOGEN BY NTP, IARC, OR OSHA.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE KNOWN.

===== 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: 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: N ONE KNOWN.

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

Flash Point Method:PMCC

Flash Point:>100.C, 212.F

Extinguishing Media:ALL STANDARD FIREFIGHTING MEDIA.

Fire Fighting Procedures:NONE KNOWN. WEAR NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:SENSITIVITY TO MECHANICAL IMPACT: NO. SENSITIVITY TO S

TATIC DISCHARGE IS NOT EXPECTED.

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

Spill Release Procedures: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.

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

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

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

Respiratory Protection:USE IN A WELL VENTILATED AREA. WEAR NIOSH APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:USE ONLY IN WELL VENTILATED AREA.

Protective Gloves:CLOTH GLOVES.

Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:EYEWASH AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA .

Supplementa

I Safety and Health

PHYSICAL/CHEMICAL PROPERTIES: DENSITY: 1500 KG/M3; ACID/ALKALINITY (MEQ/G): UNKNOWN; VOC EXCL. H*2O AND EXEMPTS: 20 G/L; SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT): PARTIALLY IN TOLUENE.

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

Boiling Pt:>260.C, 500.F

Vapor Pres:NEG @ 20C (MM HG)

Vapor Density:NEG(AIR=1)

Spec Gravity:1.50 (H*2O=1)

Evaporation Rate & Reference:N/A (BUTYL ACETATE=1)

Solubility in Water:INSOLUBLE @ 20C

Appearance and

Odor:RED SOLID; ODORLESS.

Percent Volatiles by Volume:40,000; ACUTE DERMAL LD50 (MG/KG): R BT NON-IRRITATING; ACUTE INHALATION LC50 (MG/L): RAT >535; OTHER: NONE.

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

Ecological:ECOTOXICOLOGICAL INFORMATION: NO DATA AT THIS TIME. CHEMICAL FATE INFORMATION: NO DATA AT THIS TIME.

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

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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

Transport Information:DOT SHIPPING NAME: NONE. DOT HAZARD CLASS: NOT DOT REGULATED. DOT LABEL(S): NONE. UN/NA NUMBER: NONE. PLACARDS: NONE. IATA: N/A. IMO IMDG-CODE: N/A. EMS NUMBER: N/A. EUROPEAN CLASS: RID (OCTI): N/A; A DR (ECE): N/A; RAR (IATA): N/A.

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

SARA Title III Information:SARA SECTION 302: NONE FOUND. SARA (311), 312) HAZARD CLASS: ACUTE HEALTH HAZARD; CHRONIC HEALTH HAZARD. SARA (313) CHEMICALS: NONE.

Federal Regulatory Information:CPSC CLASSIFICATION: N/A. WHMIS HAZARD CLASS: D2B TOXIC MATERIALS. WHMIS TRADE SECRET: NONE. EXPORT: SCHDLE B/HTSUS: 3910.00 SILICONES IN PRIMARY FORM; ECCN: EAR99.

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

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.