

GE SILICONES -- SILICONE POLYMER IN SOLVENT, SS4004 -- 8040-00-914-6970

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

Product ID:SILICONE POLYMER IN SOLVENT, SS4004

MSDS Date:02/09/2000

FSC:8040

NIIN:00-914-6970

Status Code:A

MSDS Number: CLPWP

=== 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:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

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

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

Ingred Name:ETHYL SILICATE

CAS:78-10-4

Code:F

RTECS #:VV9450000

Minumum % Wt:1.

Maxumum % Wt:5.

OSHA PEL:850 MG/

M3;100 PPM
ACGIH TLV:85 MG/M3;10 PPM

Ingred Name:ACETONE
CAS:67-64-1
RTECS #:AL3150000
Minumum % Wt:10.
Maxumum % Wt:30.
OSHA PEL:2400 MG/M3;1000 PPM
ACGIH TLV:1780 MG/M3;750 PPM
ACGIH STEL:2380 MG/M3;1000 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:BENZENE
CAS:71-43-2
RTECS #:CY1400000
= Wt:0.
OSHA PEL:SEE 1910.1028
ACGIH TLV:32 MG/M3;10 PPM
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:TOLUENE
CAS:108-88-3
RTECS #:XS5250000
Minumum % Wt:10.
Maxumum % Wt:30.
OSHA PEL:SEE TA
BLE Z-2
ACGIH TLV:188 MG/M3;50 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ISOPROPYL ALCOHOL
CAS:67-63-0
RTECS #:NT8050000
Minumum % Wt:10.
Maxumum % Wt:30.
OSHA PEL:980 MG/M3;400 PPM
ACGIH TLV:983 MG/M3;400 PPM
ACGIH STEL:1230 MG/M3;500 PPM

Ingred Name:N-BUTYL ALCOHOL
CAS:71-36-3
RTECS #:EO1400000
Minumum % Wt:1.
Maxumum % Wt:5.
OSHA PEL:300 MG/M3;100 PPM
ACGIH STEL:C152 MG/M3;C50 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:SILANOL/STPD SILOXANE W/ME SILSQXNS
CAS:

68554-67-6

Code:F

Minumum % Wt:10.

Maxumum % Wt:30.

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:INGESTION: HARMFUL IF SWALLOWED.

CAUSES VOMITING, NAUSEA, AND DIARRHEA IRRITATION OF THE MOUTH,
THROAT, AND STOMACH. SKIN CONTACT: CAUSES DRYING OF THE
SKIN.HARMFUL IF ABSORBED THRU THE SKIN. INHALATI ON: CAUSES
HEADAC

HE, DIZZINESS, NAUSEA AND INCOORDINATION. CAUSES MODERATE
RESPIRATORY IRRITATION. HARMFUL IF INHALED. EYE CONTACT: CAUSES
SEVERE EYE IRRITATION MAY DAMAGE TISSUE.

Explanation of Carcinogenicity:THIS PRODUCT IS NOT LISTED AS A
CARCINOGEN OR SUSPECTED CARCINOGEN BY NTP, IARC, OR OSHA.

Effects of Overexposure:THIS PRODUCT CONTANS A COMPONENT THAT SHOWED
UNEXPECTED ACUTE TOXICITY TO PREGNANT RABBITS IN A GAVAGE STUDY
CONDUCTED BY THE CHEMICAL MANUFACTURERS ASSOCIATION. THERER WER
E NO

UNEXPECTED TOXIC EFFECT S IN PREGNANT RATS EXPOSED IN THE SAME
STUDY. NO DEVELOPMENTAL EFFECTS WERE NOTED IN EITHER STUDY. EFFECT
LEVELS IN RABBITS WERE SEVERAL TIMES THE MAXIMUM EXPOSURE WHICH
WOULD OCCUR AT THE TLV FO THIS COMPONENT. THIS PRODUCT CONTAINS
METHYLPOLYSILOXANES WHICH CAN GENERATE FORMALDEHYDE AT
APPROXIMATELY 300 DEGREES FARENHEIT AND ABOVE, IN ATMOSHERES WHICH
CONTAIN OXYGEN. FORMALDEHYDE IS A SKIN AND R ESPIRATORY SENSITIZER,
EYE AND THROAT

IR

Medical Cond Aggravated by Exposure:RESPIRATORY LIVER, KIDNEY.

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

First Aid:INGESTION: DO NOT INDUCE VOMINTING. SLOWLY DILUTE WITH 1-2
GLASSES OF WATER OR MILK AND SEEK MEDICAL ATTENTION. NEVER GIVE
ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SKIN: REMOVE
CONTAMINATED CLOTHIN G AND LAUNDER BEFORE REUSE. WASH WITH SOAP AND
WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION:
IF INHALED, REMOVE

TO FRESH AIR, IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH TO MOUTH. IF BREATHING IS DIFFICULT GIVE OXYGEN. GET MEDICAL ATTENTION. EYES: IN CASE OF CONTACT, OR SUSPECTED CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION IMMEDIATELY AFTER

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

Flash Point Method:PMCC
Flash Point:=-12.2C, 10.F
Autoignition Temp:=465.C, 869.F
Lower Limits:1%
Upper Limits:12%
Extinguishing Media:ALCOHOL FOAM. CARBON DIOXIDE. DRY CHEMICAL. FOAM WATER MIST.
Fire Fighting Procedures:EXTREMELY FLAMMABLE. WEAR FULL PROTECTIVE CLOTHING.

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

Spill Release Procedures:WIPE, SCRAPE OR SOAK UP IN AN INERT MATERIAL AND PUT IN A CONTAINER FOR DISPOSAL. WEAR PROPER PROTECTIVE EQUIPMENT AS SPECIFIED IN THE PROTECTIVE EQUIPMENT SECTION. REMOVE SOURCES OF IGNITION. WARN OTHER WORKERS OF SPILL. INCREASE AREA VENTILATION.

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

Handling and Storage Precautions:USE GROUND STRAP. RECOMMENDED STORAGE IN ORIGINAL CONTAINER BELOW 30 C (85 F). KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID BREATHING VAPORS, IF EXPOSED TO HIGH VAPOR CONCENTRATION, LEAVE AREA AT ONCE . AVOID CONTACT WITH SKIN AND EYES. USE ONLY IN A WELL VENTILATED AREA. DO NOT INHALE VAPORS.
DANGER

Other Precautions:DANGER EXTREMELY FLAMMABLE. EMPTIED CONTAINERS MAY RETAIN HAZARDOUS PROPERTIES. DO NOT CUT, PUNCTURE OR WELD ON OR NEAR THE CONTAINER.

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

Respiratory Protection:USE APPROVED NIOSH RESPIRATORY PROTECTION IF TLV EXCEEDED, OR OVEREXPOSURE IS LIKELY.
Ventilation:USE ONLY IN WELL VENTILATED AREA. MECHANICAL VENTILATION
Protective Gloves:RUBBER GLOVES.
Eye Protection:SAFETY GLASSES. MONOGOGGLES.
Other Protective Equipment:WEAR EYE PROTECT

ION AND PROTECTIVE CLOTHING.

Work Hygienic Practices:SHOWERS, EYEWASH STATIONS, USE IN WELL VENTILATED AREA.

Supplemental Safety and Health

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

Spec Gravity:0.8

Evaporation Rate & Reference: