

GE SILICONES -- SS4120 -- 8040-00-814-1125

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

Product ID:SS4120

MSDS Date:04/11/1991

FSC:8040

NIIN:00-814-1125

MSDS Number: BNTLN

=== 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:DA POLSINELLI

CAGE:GESIL

=== Cont

ractor 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 (BOILING POINT 334F) (VAPOR PRESSURE 1.0
MM HG @ 20C

) (VAPOR DENSITY 7.2)
CAS:110990-60-2
RTECS #:VV9450000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:10 PPM

Ingred Name:ETHYL ALCOHOL (BOILING POINT 171F) (VAPOR PRESSURE 45 MM HG @ 20C) (VAPOR DENSITY 1.6)
CAS:64-17-5
RTECS #:KQ6300000
Fraction by Wt: 30-60%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM

Ingred Name:METHANOL (SARA III) (BOILING POINT 148.5F) (VAPOR PRESSURE 96 MM HG @ 20C) (VAPOR DENSITY 1.1)
CAS:67-56-1
RTECS #:PC1400000
Fraction by Wt: 30-60%
Other REC Limits:NONE SPECIFIED
OSHA PEL:S,200PPM/250STEL
ACGIH TLV:S,200PPM/250STEL; 93
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:VOC (EPA METH 24): 798 G/L
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

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===== Hazards Identification =====
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LD50 LC50 Mixture:ORAL LD50 5628 MG/KG; LC50 2000 PPM.
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INGESTION: HARMFUL. FATAL, CAUSE

BLINDNESS. SKIN: MODERATE SKIN IRRITATION. SKIN DRYNESS. ABSORBED: INGESTION SYMPTOMS. INHALATION: HEADACHE, DIZZINESS, NAUSEA, INCOORDINATION, MODERATE RESP IRRITATIO N. HARMFUL. EYE: MOD IRRITATION.

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

Medical Cond Aggravated by Exposure:RESPIRATORY, LIVER, KIDNEY.

SUBCHRONIC (TARGET ORGAN) EFFECTS:
DERMATITIS, RESPIRATORY AILMENTS, CENTRA

L NERVOUS SYSTEM DAMAGE,
OPTIC NERVE DAMAGE, LIVER & KIDNEY DAMAGE.

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First Aid Measures
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First Aid:INGEST: INDUCE VOMITING IMMEDIATELY BY GIVING 2 GLASSES WATER & STICKING FINGERS DOWN THROAT; NEVER GIVE ANYTHING TO UNCONSCIOUS PERSON. GET MED AID. SKIN: IMMEDIATELY FLUSH WITH SOAP & WATER 15 MIN. GET MED AID. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH TO MOUTH. IF BREATHING DIFFICULT, GIVE OXYGEN. GET MED AID. EYES: IMMEDIATELY FLUSH WITH WATER 15 MIN. GET MED AID.

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Fire Fighting Measures
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Flash Point Method:PMCC
Flash Point:31.0F,-0.6C
Autoignition Temp:Autoignition Temp Text:385F
Lower Limits:3.3
Upper Limits:19
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER MIST.
Fire Fighting Procedures:FLAMMABLE. WEAR RESPIRATORY PROTECTION IF IN A CONFINED AREA.

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Accidental Release Measures
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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 PROTECTIVE EQUIPMENT SECTION. REMOVE SOURCES OF IGNITION. WARN OTHER WORKERS OF SPILL. INCREASED AREA VENTILATION.

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Handling and Storage
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Handling and Storage Precautions:USE GROUND STRAP. STORE UPRIGHT IN COOL PLACE BELOW 30C. KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID

BREATHING VAPORS, IF EXPOSED, LEAVE AREA AT ONCE.

Other Precautions:AVOID CONTACT WITH SKIN AND EYES. USE ONLY IN WELL VENTILATED AREA. WARNING! FLAMMABLE. DO NOT INHALE VAPORS.

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Exposure Controls/Personal Protection
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Respiratory Protection:USE IN WELL VENTILATED AREA. USE APPROVED NIOSH RESPIRATORY PROTECTION IF TLV EXCEEDED, OR OVER EXPOSURE IS LIKELY.
Ventilation:USE ONLY IN WELL VENTILATED AREA. MECHANICAL VENTILATION.
Protective Gloves:RUBBER GLOVES.

Eye Protection:SAFETY GLASSES, MONOGOGGLES.

Other Protective Equipment:RUBBER APRON.

Work Hygienic Practices:REMOVE CONTAMINATED CLOTHING, AND LAUNDER BEFORE REUSE.

Supplemental Safety and Health

SEE MSDS FOR ADDITIONAL INFORMATION.

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

Boiling Pt:B.P. Text:SEE INGREDIENTS

Melt/Freeze Pt:M.P/F.P Text:-114F,-81C

Vapor Pres:SEE INGREDIENTS

Spec Gravity:0.82 (WATER=1)

Evaporation Rate & Reference: 3.0 (BU AC=1)

Solubility in Water:S

OLUBLE

Appearance and Odor:COLORLESS LIQUID, ETHANOL ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

CONTACT WITH OXIDIZING AGENTS.

Stability Condition to Avoid:KEEP AWAY FROM HEAT, SPARKS AND FLAME.

AVOID ANY SOURCE OF IGNITION.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE.

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

Waste Disposal Methods:DISP

OSAL SHOULD BE MADE IN ACCORDANCE WITH

FEDERAL, STATE AND LOCAL REGULATIONS. EPA HAZARD WASTE: U154.

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