

GE SILICONES -- SS4044 SILICONE PRIMER -- 8030-00-142-9128

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

Product ID:SS4044 SILICONE PRIMER

MSDS Date:09/09/1997

FSC:8030

NIIN:00-142-9128

Status Code:A

MSDS Number: CKJPH

=== Responsible Party ===

Company Name:GE SILICONES

Address:260 HUDSON RIVER ROAD

City:WATERFORD

State:NY

ZIP:12188

Country:US

Emergency Phone Num:518-237-3330

Preparer's Name:CE HANNIGAN

CAG

E: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:BENZENE (HAZARDOUS) BOIL PT=176F; VP=75MM/HG@20C VAPOR
DENSITY VD) 2.8 (AIR=1).

CAS:71-43-2

RTECS #:CY1400000

< Wt:2.02

OSHA PEL:1PPM TWA

OSHA STEL:5PPM

ACGIH TLV:10PPM TWA

EPA Rpt Q

ty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:TOLUENE (HAZARDOUS)SKN = SKIN BOIL PT. 231F VP=22MM/HG@20C
VD=3.2(AIR=1)
CAS:108-88-3
RTECS #:XS5250000
Minumum % Wt:10.
Maxumum % Wt:30.
OSHA PEL:100PPM TWA
OSHA STEL:150PPM TWA
ACGIH TLV:50PPM (SKN) TWA
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:N-BUTYL ALCOHOL (HAZARDOUS) C=CEILING BOIL PT. 241.9F
VP=4.4MM/HG@20C VD=2.55(AIR=1)
CAS:71-36-3
RTECS #:EO1400000
Minumum % Wt:1.
Maxumum % Wt:5.
OSHA PEL:50 (C) PPM TWA
ACGIH TLV:50 PPM TW
A
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ACETONE (HAZARDOUS) BOILING PT=133F VP=186MM/HG@20C
VD=2.0(AIR=1)
CAS:67-64-1
RTECS #:AL3150000
Minumum % Wt:10.
Maxumum % Wt:30.
OSHA PEL:750PPM TWA
OSHA STEL:1000 PPM
ACGIH TLV:750 PPM TWA
ACGIH STEL:1000 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ISO-PROPYL ALCOHOL (HAZARDOUS) BOIL PT=180F VP=30MM/HG@20C
VD=2.1 (AIR=1)
CAS:67-63-0
RTECS #:NT8050000
Minumum % Wt:10.
Maxumum % Wt:30.
OSHA PEL:400 PPM TWA
OSHA STEL:

500 PPM
ACGIH TLV:400 PPM TEA
ACGIH STEL:500 PPM

Ingred Name:ETHYL SILICATE (HAZARDOUS)
CAS:78-10-4
RTECS #:VV9450000
Minumum % Wt:1.
Maxumum % Wt:5.
OSHA PEL:100 PPM TWA
ACGIH TLV:10 PPM TWA

Ingred Name:SILANOL/STPD SILOXANE W/ME SILSQXNS (NONHAZARDOUS) BOIL
PT.=>275F VP NEGL. VD=NEGL.
CAS:68554-67-6
Minumum % Wt:10.
Maxumum % Wt:30.

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

LD50 LC50 Mixture:SEE TOXICOLOGICAL
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SLIGHT YELLOW LIQUID AROMATIC SOLVENT
ODOR, DANGER, EXTREMELY FLAMABLE, HARMFUL IF INHALED, HARMFUL IF
SWALLOWED, HARMFUL IF ABSORBED THROUGH THE SKIN. AVOID BREATHING
VAPORS. AVOID CONTACT WITH SKIN AND EYES. CAUSES MODERATE SKIN
IRRITATION. MAY CAUSE SEVERE EYE IRRITATION. EXCESSIVE INHALATION
CAUSES DIZZINESS NAUSEA HEADACHE AND INCOORDINATION. REFER TO OTHER
MSDS SECTIONS FOR DETAILED INFORMATION.
Effects of Overexposure:INGESTION: HARMFUL IF SWALLOWED CAUSES NAUSEA,
VOMITING AND DIARRHEA. IRRITATION OF THE MOUTH THROAT AND STOMACH.
SKIN CONTACT: CAUSES MODERATE SKIN IRRITATION, CAUSES DRYING OF THE
SKIN, HARMFUL IF ABSORBED THROUGH THE SKIN. INHALATION: EXCESSIVE
INHALATION CAUSES HEADACHE, DIZZINESS, NAUSEA AND INCOORDINATION.
CAUSES MODERATE RESPIRATORY IRRITATION. CAUSES IRRITATION OF MOUTH,
NOSE, AND THROAT. HARMFUL IF INHALED. CAN CAUSE
UNCONSCIOUSNESS
IF INHALED. EYE CONTACT: CAUSES SEVERE EYE IRRITATION. HIGH VAPOR
CONCENTRATION WILL CAUSE IRRITATION.
Medical Cond Aggravated by Exposure:RESPIRATORY. PULMONARY DISORDERS.
LIVER, KIDNEY DERMALAILMENTS. SUBCHRONIC (TARGET ORGAN) EFFECTS:
DERMATITIS. RESPIRATORY AILMENTS. CENTRAL NERVOUS SYSTEM DAMAGE.
LIVER AND KIDNEY DAMAGE. *

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

First Aid:*CORNEAL DAMAGE. PULMONARY EDEMA. FIRST AID: INGESTION

N: 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: REMOVE CLOTHING AND WASH BEFORE REUSE. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: REMOVE TO FRESH AIR, IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION. EYES: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER

R FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION IMMEDIATELY AFTER FLUSHING.

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

Flash Point Method:PMCC

Flash Point:=-12.2C, 10.F
10F

Autoignition Temp:>537.8C, 1000.F

Autoignition Temp Text:>1000F

Lower Limits:2.1

Upper Limits:12

Extinguishing Media:CARBON DIOXIDE DRY CHEMICAL, FOAM WATER MIST.

Fire Fighting Procedures:EXTREMELY FLAMABLE, WEAR FULL PROTECTIVE CLOTHING. SENSITIVITY TO STATIC DISCHARGES IS EXPECTED; MATERIAL HAS

A FLASH POINT BELOW 200 F.

===== 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 Precau

tions:USE GROUND STRAP. RECOMMENDED STORAGE

IN ORIGINAL CONTAINER BELOW 30 DEGREE CELSIUS (85 DEGREES FAHRENHEIT). KEEP CONTAINER CLOSED WHEN NOT IN USE. **

Other Precautions:**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, EXTREMELY FLAMABLE. EMPTIED CONTAINERS MAY RETAIN HAZARDOUS PROPERTIES. DO NOT CUT, PUNCTURE OR WELD ON OR NEAR TH

E
CONTAINER.

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

Respiratory Protection:USE APPROVED NIOSH RESPIRATORY PROTECTION IF TLV EXCEEDED OR OVEREXPOSURE IS LIKELY.

Ventilation:USE ONLY IN WELL VENTELATED AREA. MECHANICAL VENTELATION. EXHAUST VENTELATION.

Protective Gloves:RUBBER GLOVES.

Eye Protection:SAFETY GLASSES MONOGOGLES FACE SHIILD.

Other Protective Equipment:SHOWERS EYE WASH STATIONS RUBBR APRON, WEAR EYE PROTECTION AND PROTECTIVE CLOTHING.

Sup
plemental Safety and Health

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

Melt/Freeze Pt:40000 RAT, ESTM. ACUTE DERMAL
LD50 (MG/KG): NONE FOUND. ACTUR INHALATION LC50 (MG/L): >535 MG/L
ESTM. OTHER: NONE.

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

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

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

Transport Info

rmation:DOT SHIPPING NAME: FLAMABLE LIQUID N.O.S.
(ACETONE AND TOLUENE) DOT HAZARD CLASS 3. IATA: FLAMMABLE LIQUID
N.O.S. (ACETONE AND TOLUENE), 3, UN1993, II, RQ=5000 LB (ACETONE),
RQ=1000 LB (TOLUENE). IMO: IMDG-CODE, IMDG PG. 3230. EMS NO; EMS.
NO. 3-07, SUBSECTION 4.2 OF MFAG RID (OCTI): 3. ADR (ECE): 3, 2301,
1A. RAR (IATA): 3.

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

SARA Title III Information:TOLUENE; N-BUTANOL. SARA 311, 312 HAZARD
CL

ASS; ACUTE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD.

WHMIS HAZARD CLASS: B2 FLAMABLE LIQUIDS, D28 TOXIC MATERIALS.

EXPORT: SCHDLE B/HTSUS: 3208.90 POLYMER SOLUTOIN. ECCN: EAR99.

Federal Regulatory Information:THIS PRODUCT OR ITS COMPONENTS ARE O THE EUROPEAN INVINTORY OF EXISTING COMMERCIAL CHEMICALS (EINESS). THIS PRODUCT OR ITS COMPONENTS ARE O THE AUSTRALIAN INVINTORY (ACOIN).

State Regulatory Information:CALIFORNIA PROPOSITION 65: WARNING, THIS PRODUCT CONTA

INS A PRODUCT KNOW N TO THE STATE OF CALIFORNIA TO

AUSE CANCER, BIRTH DEFECTS/ OTHER REPRODUCTIVE HARM.--TOLUENE. SEE HARD COPY MSDS FOR ADDITION AL TECHNICAL GUIDANCE FOR BULK STORAGE. (SUBSTANTIAL AMOUNT OF INFORMATION).

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

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