

GENERAL ELECTRIC CO., SILICONE PRODUCT DIV. -- DIMETHYL SILOXANE,SILICA FILLED,G 624 --
6850-01-290-9943

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

Product ID: DIMETHYL SILOXANE,SILICA FILLED,G 624

MSDS Date: 02/12/1993

FSC: 6850

NIIN: 01-290-9943

MSDS Number: BWQCW

=== Responsible Party ===

Company Name: GENERAL ELECTRIC CO., SILICONE PRODUCT DIV.

Address: 260 HUDSON RIVER ROAD

City: WATERFORD

State: NY

ZIP: 121

88

Country: US

Info Phone Num: 518-237-3330

Emergency Phone Num: 518-237-3330

Preparer's Name: DA POLSINELLI

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

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

CAGE: 2B613

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Composition/Information on Ingredients =====

Ingred Name:TRADE SECRET COMPONENT

Fraction by Wt: 1 - 5%

Other REC Limits:NONE RECOMMENDED

Ingred Name:SILICA GEL

CAS:112945-52-5

RTECS #:VV7310000

Fraction by Wt: 5 - 10%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:6 MG/M3

ACGIH TLV:10 MG/M3

Ingred Name:POLY (DIMETHYLSILOXANE)

CAS:63148-62-9

RTECS #:JJ6484500

Fraction by Wt: 80 - 93%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS UNKNOWN.

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

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY

TRACT. ACUTE- MAY CAUSE MILD SKIN IRRITATION. MAY CAUSE EYE IRRITATION. INGESTION UNKNOWN. A DUST HAZARD MAY BE CREATED IF, UNDER CONDITIONS OF USE, SOLID PARTICLES ARE SEPARATED FROM THE POLYMERIC MATRIX CAUSING RESPIRATORY TRACT IRRITATION, IF INHALED.

CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:CAN GENERATE FORMALDEHYDE AT HIGH TEMPERATURES WHICH IS AN IRRITANT AND POTENTIAL CANCER HAZARD.

Effects of Overexposure:IRRITATION

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:RINSE MOUTH WITH WATER SEVERAL TIMES.

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= Fire Fighting Measures =====

Flash Point Method:COC

Flash Point:>500F,>260C

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, SAND, FOAM/DRY
CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS
COOL.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS.

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

Spill Release Procedures:WIPE, SCRAPE OR SOAK UP IN AN INERT MATERIAL
AND PU

T IN A CONTAINER FOR DISPOSAL. WASH SPILL AREA WITH DETERGENT
AND WATER TO REDUCE SLIPPING HAZARD.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN DRY PLACE AWAY FROM EXCESSIVE
HEAT AND FLAMES.

Other Precautions:DO NOT RAISE DUST. AVOID CONTACT WITH EYES, SKIN OR
CLOTHING. AVOID INHALATION OF DUST. WASH THOROUGHLY AFTER HANDLING
MATERIAL. KEEP OUT OF REACH OF SMALL CHILDREN.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF AIRBORNE
CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED DUST RESPIRATOR OR
DUST MASK.

Ventilation:ADEQUATE

Protective Gloves:CLOTH

Eye Protection:SAFETY GOGGLES/GLASSES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE
CLOTHING AND/OR UNIFORM

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES.

Supplemental Safety

and Health

THIS PRODUCT CONTAINS METHYLPOLYSILOXANES WHICH CAN GENERATE FORMALDEHYDE AT 300F (150C) OR ABOVE, IN OXYGEN CONTAINING ATMOSPHERES. FORMALDEHYDE IS A SKIN SENSITIZER, EYE AND THROAT IRRITANT, ACUTE TOXICANT, AND POTENTIAL CANCER HAZARD.

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

HCC:V7

NRC/State Lic Num:NOT RELEVANT

Spec Gravity:1.035

Viscosity:NOT RELEVANT

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

Solubility in Water:INSOLUBLE

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Appearance and Odor:OFF WHITE SOLID - SLIGHT ODOR

Percent Volatiles by Volume: