

GENERAL ELECTRIC CO SILICONE PRODUCT DIV. -- G697 DIMETHYLPOLYSILOXANE GREASE --  
6850-00-142-9810

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

Product ID:G697 DIMETHYLPOLYSILOXANE GREASE

MSDS Date:02/12/1993

FSC:6850

NIIN:00-142-9810

MSDS Number: BVFQH

=== Responsible Party ===

Company Name:GENERAL ELECTRIC CO SILICONE PRODUCT DIV.

Address: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 POSILNELLI

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

===== Composition/Info

Information on Ingredients =====

Ingredient Name:ZINC NAPHTHENATE  
CAS:12001-85-3  
RTECS #:QK9275000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED

Ingredient Name:TRADE SECRET COMPONENT  
Fraction by Wt: 5-10%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15 MG/M3  
ACGIH TLV:10 MG/M3

Ingredient Name:SILICA GEL (AMORPHOUS SILICA)  
CAS:112945-52-5  
RTECS #:VV7310000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:6 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST

Ingredient Name:POLYDIMETHYL SILOXANE  
CAS:9016  
-00-6  
RTECS #:TQ2690000  
Fraction by Wt: 80-99%  
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE- SKIN AND EYE IRRITATION. A DUST  
HAZARD MAY BE CREATED IF SOLID PARTICLES ARE SEPARATED FROM POLYMER  
MATRIX. MAY BE HARMFUL IF SWALLOWED. CHRONIC- PROLONGED OR REPEATED  
EXPOSURE MAY CAUSE RESPIRATORY AILMENTS OR SILICOSIS.  
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%  
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.  
Effects of Overexposure:SKIN: REDNESS, DISCOMFORT. EYES: TEARING,  
REDNESS, DISCOMFORT. INHALATION OF DUST: COUGHING, WHEEZING,  
SHORTNESS OF BREATH. INGESTION: NOT SPECIFIED BY MFR BUT HMIS  
BELIEVES-NAUSEA, VOMITING, DIARRHEA (TYPICAL GI TRACT IRRITATION).  
Medical Conditions Aggravated by Exposure:NONE KNOWN.

=====

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

First Aid:INHALATION:REMOVE TO FRESH AIR, PROVIDE CPR/OXYGEN IF NEEDED.  
EYE CONTACT:FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL HELP. SKIN  
CONTACT:WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. GET  
MEDICAL ATTENTION IF SYMPTOMS PERSIST. INGESTION:RINSE MOUTH WITH  
WATER SEVERAL TIMES, DRINK 1-2 GLASSES OF WATER OR MILK. GET  
MEDICAL HELP IMMEDIATELY.

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

Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER. HMIS: WEAR  
SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.  
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:WIPE, SCRAPE, OR SOAK UP IN AN INERT MATERIAL  
AND PLACE IN A CONTAINER FOR LATER DISPOSAL. WASH WALKING SURFACES  
WITH DETERGENT AND  
WATER TO REDUCE SLIPPING HAZARD. WEAR PROPER  
PROTECTIVE EQUIPMENT.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID CONTACT WITH SKIN AND EYES.  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NONE NORMALLY REQUIRED. USE NIOSH APPROVED  
SELF-CONTAINED BREATHING APPARATUS IF TLV IS EXCEED  
ED OR WHEN  
SPRAYING OR USING IN CONFINED SPACES, OR CREATING DUST FROM CURED  
PRODUCT.

Ventilation:USE IN A WELL VENTILATED AREA.

Protective Gloves:CLOTH GLOVES

Eye Protection:SAFETY GLASSES

Other Protective Equipment:EYE WASH STATIONS

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING,  
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

THIS PRODUCT CONTAINS POLYDIMETHYLSILOXANES WHICH CAN GENERATE  
FORMALDEHYDE AT ABOUT 300F

(150C). FORMALDEHYDE IS A SKIN AND RESPIRATORY SENSITIZER, EYE & THROAT IRRITANT, ACUTE TOXICANT, AND POTENTIAL CANCER HAZARD. AN MSDS FOR FORMALDEHYDE IS AVAILABLE FROM GE SILICONES.

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

HCC:V7  
Vapor Pres:NEGLIGIBLE  
Vapor Density:NEGLIGIBLE  
Spec Gravity:1.032  
Evaporation Rate & Reference:NEGLIGIBLE (BU AC=1)  
Solubility in Water:SLIGHT  
Appearance and Odor:OF-WHITE SOLID; SLIGHT ODOR  
Percent Volatiles by Volume:1  
.0

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

Stability Indicator/Materials to Avoid:YES  
NONE KNOWN  
Stability Condition to Avoid:NONE KNOWN  
Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE,  
SILICON DIOXIDE, ZINC METAL FUMES, FORMALDEHYDE.

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

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

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.