

MANUFACTURED BY:

GENERAL ELECTRIC CO.  
SILICONE PRODUCTS DIV.  
WATERFORD, NY 12188

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REVISED: 10/21/85  
PREPARER: DA POLSINELLI

\*\*\*\*\* I PRODUCT IDENTIFICATION \*\*\*\*\*

PRODUCT IDENTIFICATION: G322L CHEMICAL FAMILY: SILICONE GREASE  
CHEMICAL NAME: METHYLALKYLPOLYSILOXANE GREASE FORMULA: MIXTURE

\*\*\*\*\* II PRODUCT COMPONENTS \*\*\*\*\*

PRODUCT COMPOSITION	APPROX. ACGIH		OSHA	CAS REG	
	%	TLV	PEL	UNITS	NO.
A. HAZARDOUS					
ZINC CHROMATE	< 5%	.05	--	MG/M3	13530-65-9*
B. NON-HAZARDOUS					

\*\*\*\*\* III PHYSICAL DATA \*\*\*\*\*

\*\*PRODUCT INFORMATION

BOILING POINT : NA (F) NA (C) % VOLATILE BY VOLUME: <1  
 VAPOR PRESSURE(20 C): NA MM HG EVAPORATION RATE : NA  
 VAPOR DENSITY(AIR=1): NA (BUTYL ACETATE=1  
 FREEZING POINT : NA (F) NA (C) SPECIFIC GRAVITY : ~.93  
 MELTING POINT : NA (F) NA (C) (WATER=1)  
 PHYSICAL STATE : SOLID DENSITY : ~923 KG/M3  
 ODOR : ODORLESS ACIDITY/ALKALINITY : UNKN MEG/G  
 COLOR : YELLOW PH : UNKN  
 SOLUBILITY IN WATER(20 C): <1  
 SOLUBILITY IN ORGANIC SOLVENT: UNKN  
 (STATE SOLVENT)

\*\*\*\*\* IV FIRE AND EXPLOSION DATA \*\*\*\*\*

FLASH POINT: >400 ( F ) >204 ( C ) BY COC. IGNITION TEMP: NA ( F ) NA ( C )  
 FLAMMABLE LIMITS IN AIR(%): LOWER NA UPPER NA  
 EXTINGUISHING MEDIA:  
 ALL STANDARD FIREFIGHTING MEDIA  
 SPECIAL FIREFIGHTING PROCEDURES:  
 NONE KNOWN.

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\*\*\*\*\* V REACTIVITY DATA \*\*\*\*\*

STABILITY: X STABLE UNSTABLE HAZARDOUS: POLYMERIZATION WILL NOT OCCUR  
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE.  
CARBON DIOXIDE.  
SILICON DIOXIDE.  
FORMALDEHYDE.  
INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN.  
CONDITIONS TO AVOID: NONE KNOWN.

\*\*\*\*\* VI HEALTH HAZARD DATA \*\*\*\*\*

ACUTE SIGNS/EFFECTS OF OVEREXPOSURE:  
INGESTION: NONE KNOWN  
SKIN CONTACT: MAY CAUSE MILD SKIN IRRITATION.  
INHALATION: NONE KNOWN.  
EYE CONTACT: MAY IRRITATE EYES.  
MEDICAL CONDITIONS AGGRAVATED: NONE KNOWN.  
OTHER: NONE KNOWN.  
CHRONIC EFFECTS OF OVEREXPOSURE: NONE KNOWN.  
EMERGENCY AND FIRST AID PROCEDURES:  
INGESTION: RINSE MOUTH WITH WATER SEVERAL TIMES.  
SKIN: WASH WITH SOAP AND WATER.  
INHALATION: NONE KNOWN.  
EYES: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION IF IRRITATION PERSISTS.  
NOTE TO PHYSICIAN: NONE KNOWN.

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TOXICITY: ZINC CHROMATE  
ACUTE ORAL LD50: NONE FOUND MG/KG  
ACUTE DERMAL LD50: NONE FOUND MG/KG  
ACUTE INHALATION LC50: NONE FOUND  
OTHER: NONE.

AMES TEST: UNKNOWN  
PRINCIPAL ROUTES OF EXPOSURE:  
EYES.

THIS PRODUCT OR ONE OF ITS INGREDIENTS PRESENT 0.1% OR MORE  
IS LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP,  
IARC OR OSHA X YES \_\_\_ NO .

PRODUCTS/INGREDIENTS:

ZINC CHROMATE: "THERE IS SUFFICIENT EVIDENCE FOR THE CARCINO-  
GENICITY OF CHROMIUM AND CERTAIN CHROMIUM COM-  
POUNDS BOTH IN HUMANS AND EXPERIMENTAL ANIMALS  
(REF. IARC 1982). ZINC CHROMATE PRODUCES  
SARCOMAS AT THE SITE OF THEIR SUBCUTANEOUS  
INTRAMUSCULAR AND/OR INTRAPLEURAL ADMINISTRA-  
TION IN RATS. (IARC, 1980).

\*\*\*\*\* VII SPECIAL PROTECTIVE EQUIPMENT \*\*\*\*\*

RESPIRATORY PROTECTION:  
NONE KNOWN.  
PROTECTIVE GLOVES:  
CLOTH GLOVES.  
EYE AND FACE PROTECTION:  
SAFETY GLASSES.  
OTHER PROTECTIVE EQUIPMENT:  
NONE KNOWN.  
VENTILATION:  
NONE KNOWN.

\*\*\* VIII SPILL, LEAK AND DISPOSAL PROCEDURES \*\*\*

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:  
WIPE, SCRAPE OR SOAK UP IN AN INERT MATERIAL AND PUT IN A  
CONTAINER FOR DISPOSAL.  
WASH WALKING SURFACES WITH DETERGENT AND WATER TO REDUCE SLIP-  
PING HAZARD.  
WEAR PROPER PROTECTIVE EQUIPMENT AS SPECIFIED IN THE PROTECTIVE  
EQUIPMENT SECTION.

DISPOSAL METHOD:

DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH FEDERAL, STATE AND  
LOCAL REGULATIONS.

\*\*\*\*\* IX SPECIAL PRECAUTIONS \*\*\*\*\*

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

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AVOID CONTACT WITH EYES.

ENGINEERING CONTROLS:

EYEWASH STATIONS.

A WELL VENTILATED AREA TO CONTROL DUST LEVELS.

\*\* X SHIPPING AND REGULATORY CLASSIFICATION DATA \*\*

DOT SHIPPING NAME: NONE

DOT HAZARD CLASS: NONE

DOT LABEL(S): NONE

UN/NA NUMBER: NONE

PLACARDS: NA

EXPORT: NA

EPA HAZARD WASTE: NONE

OSHA HAZARD CLASS: NONE

CSPC CLASSIFICATION: NONE

TRANSPORTATION CLASS: IMO NONE

RID (OCTI) NONE

ADR (ECE) NONE

RAR (IATA) NONE

NFPA/HMIS CLASSIFICATION: FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 1

ADDITIONAL INFORMATION:

THESE DATA ARE OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE. THE RECOMMENDED HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTENT OF THE INTENDED USE.....

THIS PRODUCT OR ITS COMPONENTS ARE ON THE AUSTRALIAN INVENTORY (ACOIN).....

C = CEILING LIMIT

NEGL = NEGLIGIBLE

EST= ESTIMATED

NF = NONE FOUND

NA = NOT APPLICABLE

UNKN = UNKNOWN

NE = NONE ESTABLISHED

REC = RECOMMENDED

ND = NONE DETERMINED

V = RECOMM. BY VENDOR

TS = TRADE SECRET

SKN = SKIN