GE SILICONES -- DBT STANNANE, DIBUTYL BIS{ (1-OXODODECYL), (SEE SUPPL.) 5970-00-832-8028 Product ID:DBT STANNANE, DIBUTYL BIS{ (1-OXODODECYL), (SEE SUPPL.) MSDS Date:10/23/1996 FSC:5970 NIIN:00-832-8028 Status Code:A Kit Part:Y MSDS Number: CLFLK === 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:CE HANNIGAN CAGE:IO364 === Contractor Identification === Company Name: GE SILICONES Address:260 HUDSON RIVER ROAD Box:City:WATERFORD State:NY ZIP:12188 Country:US Phone:518-237-3330 CAGE:IO364 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 Contract Num:SP0430-99-M-Y055 CAGE:2B613

Ingred Name: DIBUTYLTIN DILAURATE

CAS:77-58-7 RTECS #:WH7000000 Minumum % Wt:80. Maxumum % Wt:99. Other REC Limits:NONE RECOMMENDED OSHA PEL:0.1 MG/M3 ACGIH TLV:0.1 MG/M3

Ingred Name:NON-HAZARDOUS

LD50 LC50 Mixture:LD50: ORAL (RAT): = 1,470 (MG/KG) Routes of Entry: Inhalation:UNKNOWN Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic: INGESTION: HARMFUL IF SWALLOWED. SKIN CONTACT: CAUSES MODERA TE IRRITATION. HARMFUL IF ABSORBED THRU THE SKIN. INHALATION: VAPORS GIVEN OFF BY HEATED PRODUCT MAY BE HARMFUL. EYE CONTACT: CAUSES SEVERE EYE IRRITATION. SUBCHRONIC (TARGET ORGAN) EFFECTS: CENTRAL NERVOUS SYSTEM DAMAGE. Explanation of Carcinogenicity: THIS PRODUCT OR ONE OF ITS INGREDIANTS PRESENT 0.1% OR MORE IS NOT LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN BY NTP, IARC, OR OSHA. Effects of Overexposure:SKIN CONTACT: IRRITATION. EYE CONTACT: IRRITATION. INGESTION: CENTRAL NERVOUS SYSTEM EFFECTS. Medical Cond Aggravated by Exposure: CENTRAL NERVOUS SYSTEM DISORDERS First Aid: INGESTION: 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 CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. IN HALATION: MOVE PERSON TO FRESH AIR. EYE: IN CASE OF CONTACT, OR SUSPECTED CONTACT, IMMEDIATELY FLUS H EYES WITH PLENTY OF WATER FOR AT LEAST

15 MINUTES AND GET MEDICAL ATTENTION IMMEDIATELY AFTER FLUSHING. NOTE TO PHYSICIAN: NONE KNOWN

Flash Point Method:COC Flash Point:=235.C, 455.F Autoignition Temp:Autoignition Temp Text:UNKN Lower Limits:NA Upper Limits:NA Extinguishing Media:ALL STANDARD FIREFIGHTING MEDI Α. Fire Fighting Procedures:NONE KNOWN. WEAR RESPIRATORY PROTECTION IF IN A CONFINED AREA. Unusual Fire/Explosion Hazard: SENSITIVITY TO STATIC DISCHARGE IS NOT EXPECTED. SENSITIVITY TO MECHANICAL IMPACT: NO. Spill Release Procedures: WIPE, SCRAPE, OR SOAK UP SPILL IN AN INERT MATERIAL AND PUT IN A CONTAINER FOR DISPOSAL. WEAR PROPER PROTECTIVE EQUIPMENT AS SPECIFIED IN THE PROTECTIVE EQUIPMENT SECTION. WARN OTHER WORKERS OF SPILL. Neutralizing Agent:NOT PROVIDED BY MFR Handling and Storage Precautions: KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID CONTACT WITH SKIN AND EYES. WASH HANDS BEFORE EATING AND SMOKING. Other Precautions:NOT PROVIDED BY MFR. Respiratory Protection:NONE KNOWN. Ventilation: USE ONLY IN WELL VENTILATED AREA. Protective Gloves: RUBBER GLOVES. Eye Protection: SAFETY GLASSES. MONOGOGGLES. Other Protective Equipment: EYE WASH STATION, SHOWERS, RUBBER APRON. Work Hygienic Practices:NOT PROVIDED BY MFR Supplemental Safety and Health THIS ENTRY DESCRIBES PART 1, SERIAL NUMBER "CLFLK", DBT STANNANE, DIBUTYL BIS{ (1-OXODODECYL), OF A TWO PART KIT. SEE THIS SAME NSN AND SERIAL NUMBER "CLFLS", RTV11 RTV SILICONE RUBBER, FOR KIT PAR T 2 DATA.

HCC:V5 Boil

ing Pt:=204.4C, 400.F Melt/Freeze Pt:=18.3C, 65.F Decomp Temp:Decomp Text:NOT PROVIDED BY MFR Vapor Pres:NEGL. Vapor Density:21.8(AIR=1 Spec Gravity:1.035 (WATER=1) VOC Pounds/Gallon:27 pH:NA
Viscosity:NOT PROVIDED BY MFR Evaporation Rate & Reference:2,000 MG/KG; ACUTE,
INHALATION, LC50: NONE FOUND.
Ecological:ECOTOXICOLOGICAL INFORMATION: NO DATA AT THIS TIME. CHEMICAL FATE INFORMATION: NO DATA AT THIS TIME.
=== ==================================
Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. INCINERATION RECOMMENDED IN APPROVED INCINERATOR ACCORDING TO FEDERAL, STATE, AND LOCAL REGULATIONS.
======================================
Transport Information:DOT SHIPPING: NOT DOT REGULATED. IATA: NONE; IMO IMDG-CODE: NONE; EMS NO: N/A; EUROPEAN CLASS: RID (OCTI): NONE; AD
R (ECE): NONE; RAR (IATA): NONE.
======================================
SARA Title III Information:SECTION 302: NONE FOUND. SARA 311,312) HAZARD CLASS: ACUTE HEALTH HAZARD, CHRONIC HEALTH HAZARD. SARA (313) CHEMICALS: NONE. State Regulatory Information:CALIFORNIA PROPOSITION 65: NONE.
======================================
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.