



MATERIAL SAFETY DATA SHEET

KEM CANADA MFG.
4 BLAIR DRIVE
BRAMPTON, ONTARIO
L6T 2H5
TEL# (905) 456-9444

EMERGENCY # CANUTEC (613) 996-6666
"USE IN CASE OF CHEMICAL EMERGENCY ONLY"

W.H.M.I.S. CLASSIFICATION: D1A, D2B

MATERIAL REFERENCE NO: 136900

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: GLIDE - SILICONE DRY LUBE	
CHEMICAL NAME: NOT AVAILABLE	CHEMICAL FAMILY: LUBRICANTS
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: SILICONE LUBRICANT	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
MINERAL SPIRITS	60.0-100.0	100	68551-17-7	3460 MG/KG

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID		
ODOUR AND APPEARANCE: COLOURLESS LIQUID, PETROLEUM ODOUR.		
ODOUR THRESHOLD (PPM) NOT ESTABLISHED	SPECIFIC GRAVITY 0.791	VAPOUR PRESSURE (MM) NOT AVAILABLE
VAPOUR DENSITY (AIR=1) LESS THAN 1	EVAPORATION RATE (WATER=1) <1	SOLUBILITY IN WATER (20 ° C) INSOLUBLE
BOILING POINT (C) INITIAL 157	FREEZING POINT (C) <1	% VOLATILE (BY WEIGHT) >95
pH NOT APPLICABLE	DENSITY (G/ML) NOT APPLICABLE	COEF.OF WATER/OIL DISTR NOT AVAILABLE



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SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

FLAMMABILITY: COMBUSTIBLE		
IF YES, UNDER WHICH CONDITIONS: CONTACT WITH DIRECT IGINATION SOURCE (OPEN FLAME)		
MEANS OF EXTINCTION: CO2, DRY CHEMICAL, ALCOHOL FOAM, WATER FOG.		
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE EQUIPMENT, INCLUDING SELF-CONTAINED BREATHING APPARATUS FOR ALL CHEMICAL FIRES.		
FLASH POINT (C) AND METHOD: MINIMUM 43 (C) (TCC)		
HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, UNIDENTIFIED ORGANIC COMPOUNDS, BLACK SMOKE.		
UPPER EXPLOSION LIMIT	LOWER EXPLOSION LIMIT	AUTOIGNITION TEMP(C)
NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
EXPLOSION DATA SENSITIVITY	RATE OF BURNING	EXPLOSIVE POWER
TO CHEMICAL IMPACT		
NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
SENSITIVITY TO STATIC DISCHARGE: NOT AVAILABLE		

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY: STABLE
IF NO, UNDER WHICH CONDITIONS:
INCOMPATIBILITY TO OTHER SUBSTANCES: YES
IF SO, WHICH ONES: STRONG OXIDIZERS.
REACTIVITY AND UNDER WHAT CONDITIONS: NOT ESTABLISHED
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.
HAZARDOUS DECOMPOSITION PRODUCTS: UNDEFINED ORGANICS.

SECTION VI - HEALTH HAZARD DATA

ROUTE OF ENTRY:		
SKIN CONTACT: YES	SKIN ABSORPTION: YES	EYE CONTACT: YES
INHALATION: YES	INGESTION: YES	



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EFFECTS OF ACUTE EXPOSURE TO MATERIAL:
EYES-MAY CAUSE SLIGHT IRRITATION.
SKIN-CONTACT MAY CAUSE DRYING, CRACKING WITH IRRITATION.
INHALATION-EXCESSIVE INHALATION MAY CAUSE IRRITATION OF NOSE, THROAT AND LUNGS. MAY CAUSE HEADACHES, DIZZINESS.DROWZINESS.
INGESTION-MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING.
ASPIRATION OF SMALL AMOUNTS INTO LUNGS MAY CAUSE SEVERE HEALTH EFFECTS SUCH AS BRONCHOPHNEUMONIA OR PULMONARY EDEMA.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:
SKIN-EXCESSIVE CONTACT MAY CAUSE IRRITATION, DEFATTING, DERMATITIS.

LD 50 OF MATL.	LC 50 OF MATL.	EXPOSURE LIMIT(S)	IRRITANCY OF MATL
NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	MODERATE

SENSITIZATION OF MATERIAL	SYNERGISTIC MATERIALS
NOT AVAILABLE	NOT AVAILABLE

CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY
NONE KNOWN.

SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: RUBBER OR PVA
RESPIRATORY: NOT NORMALLY REQUIRED. FOR PROLONGED EXPOSURES OR IF TLV IS EXCEEDED, USE APPROVED ORGANIC CANISTER OR SELF CONTAINED BREATHING APPARATUS.
EYE: SAFETY SHIELD OR GOGGLES IF EYE CONTACT IS LIKELY.
FOOTWEAR: NO SPECIAL REQUIREMENTS.
CLOTHING: NO SPECIAL REQUIREMENTS.
OTHER: EYE WASH, SAFETY SHOWER.
ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): MECHANICAL VENTILATION IN CONFINED AREAS OR WHEN TLV IS EXCEEDED.

LEAK AND SPILL PROCEDURE: REMOVE SOURCES OF IGNITION. STOP SPILL. DIKE AREA AND PUMP SPILLED MATERIAL INTO A METAL CONTAINER FOR DISPOSAL OR RECLAIM. ABSORB MATERIAL REMAINING ONTO VERMICULITE OR SAWDUST AND PLACE IN METAL CONTAINER FOR DISPOSAL.

WASTE DISPOSAL: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.



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SECTION VIII - FIRST AID MEASURES

PROCEDURES:
EYES-IMMEDIATELY FLUSH WITH RUNNING WATER FOR AT LEAST 15 MIN. IF PAIN OR IRRITATION PERSISTS, GET MEDICAL ATTENTION.
SKIN-REMOVE CONTAMINATED CLOTHING. LAUNDER BEFORE RE-USE. FLUSH WITH WATER FOR AT LEAST 15 MIN. CONTACT A PHYSICIAN IF IRRITATION PERSISTS.
INHALATION-REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF NOT BREATHING ADMINISTER ARTIFICIAL RESPIRATION, THEN GIVE OXYGEN. GET MEDICAL ATTENTION.
INGESTION-IF SWALLOWED DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.
SOURCES USED: RAW MATERIAL SUPPLIER'S MATERIAL SAFETY DATA SHEETS.
ADDITIONAL INFORMATION: NONE

SECTION IX - TDG SHIPPING INFORMATION

SHIPPING NAME	CLASS	UN NO.	PACKING GROUP
FLAMMABLE LIQUID N.O.S. (PETROLEUM DISTILLATES)	3	1993	III
HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH SKIN AND EYES. WASH THOROUGHLY AFTER HANDLING.			
STORAGE REQUIREMENTS: STORE IN A COOL, DRY, WELL-VENTILATED AREA. KEEP CONTAINER CLOSED WHEN NOT IN USE.			
SPECIAL SHIPPING INFORMATION: NONE			

SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
2	0	1

SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT	TELEPHONE # (905) 456-9444
REVIEWED: APRIL 28, 2003	

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