

MATERIAL SAFETY DATA SHEET

0

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: D2B

MATERIAL REFERENCE NO: 147000

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D: INTERIOR FINISH	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: MIXTURE
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: AUTOMOTIVE INTERIOR FINISH	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
ETHYLENE GLYCOL	1.0-5.0	50	107-21-1	4700 MG/KG

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID	
ODOUR AND APPEARANCE: WHITE LIQUID; LOW ODOUR	
ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY
NOT AVAILABLE	1.026
VAPOUR PRESSURE (MM)	
NOT AVAILABLE	
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE
NOT ESTABLISHED	NOT AVAILABLE
	SOLUBILITY IN WATER
	(25°C) RINSEABLE
BOILING POINT (C)	FREEZING POINT (C)
NOT AVAILABLE	NOT AVAILABLE
	% VOLATILE (BY WEIGHT)
	> 60%
pH (1.0 % SOLUTION)	DENSITY (G/ML)
9.2	NOT APPLICABLE
	COEF.OF WATER/OIL DISTR
	NOT AVAILABLE

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SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

| FLAMMABILITY: NON-FLAMMABLE
| IF YES, UNDER WHICH CONDITIONS:
|
| MEANS OF EXTINCTION: DRY CHEMICAL, CARBON DIOXIDE, WATER FOG.
|
| SPECIAL PROCEDURES: WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SELF-
| CONTAINED BREATHING APPARATUS.
|
| FLASH POINT (C) AND METHOD: NONE
|
| HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE,
| FUMES, 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 | |
| NONE | 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 KNOWN
|
| HAZARDOUS POLYMERIZATION WILL NOT OCCUR.
|
| HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON, HYDROCARBON
| FUMES.

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-CONTACT MAY CAUSE IRRITATION.
|SKIN-PROLONGED CONTACT MAY IRRITATE THE SKIN.

|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:
|MAY CAUSE DRYING OF THE SKIN.

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

|SENSITIZATION OF MATERIAL | SYNERGISTIC MATERIALS
| NONE KNOWN | NOT AVAILABLE

|CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY:
|NONE KNOWN

SECTION VII - PREVENTIVE MEASURES

|PERSONAL PROTECTIVE EQUIPMENT:

| GLOVES: RUBBER/VINYL WHEN HANDLING CONCENTRATE
| RESPIRATORY: NOT REQUIRED FOR NORMAL USE
| EYE: CHEMICAL GOGGLES
| FOOTWEAR: NO SPECIAL REQUIREMENTS
| CLOTHING: NO SPECIAL REQUIREMENTS
| OTHER: EYE WASH
| ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): GENERAL
| VENTILATION FOR CONFINED SPACES.

|LEAK AND SPILL PROCEDURE:
|REMOVE IGNITION SOURCES. SMALL SPILLS-WIPE UP AND PLACE IN NORMAL
|REFUGE. FLUSH AREA THOROUGHLY WITH WATER.
|LARGE SPILLS-CONTAIN SPILL TRANSFER TO CONTAINER FOR RECLAIM OR
|DISPOSAL. FLUSH AREA WITH WATER

|WASTE DISPOSAL:
|DISPOSE IN ACCORDANCE WITH FEDERAL, PROVINCIAL AND LOCAL REGULATIONS



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SECTION VIII - FIRST AID MEASURES

| PROCEDURES:

| EYES-FLUSH WITH RUNNING WATER FOR 15 MINUTES. GET MEDICAL ASSISTANCE
| IF IRRITATION PERSISTS.
| SKIN-FLUSH WITH SOAP AND WATER FOR 15 MINUTES. IF IRRITATION
| PERSISTS, CONTACT A PHYSICIAN.
| INHALATION-REMOVE TO FRESH AIR. CONTACT A PHYSICIAN IF SYMPTOMS
| PERSIST.
| INGESTION-DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. DO NOT
| GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL A
| PHYSICIAN IMMEDIATELY.
|

| 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 |
| NOT REGULATED | | | |

| HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH EYES AND SKIN.
| WASH THOROUGHLY AFTER HANDLING.
|

| STORAGE REQUIREMENTS:

| STORE IN A COOL, DRY, WELL-VENTILATED AREA. KEEP CONTAINER CLOSED
| WHEN NOT IN USE. KEEP FROM FREEZING.

| SPECIAL SHIPPING INFORMATION: HEATED |

SECTION X - HMIS HAZARD RATING INFORMATION

| FLAMMABILITY | REACTIVITY | HEALTH |
| 0 | 0 | 1 |

SECTION XI - PREPARATION DATE OF MSDS

| PREPARED BY: TECHNICAL DEPARTMENT | TELEPHONE # (905) 456-9444 |
| REVIEWED: OCTOBER 4, 2009 |

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