



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: D2B

MATERIAL REFERENCE NO: 512400

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: KEMTREET CT 124	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: POLYMER BLEND
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: MIXTURE
SYNONYMS: POLYMER MIXTURE	
MATERIAL USE: DISPERSANT	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
POLYMALEIC ACID	5.0-10.0	NOT AVAILABLE	26099-09-2	NOT AVAILABLE
SODIUM HYDROXIDE	1.0-5.0	2	1310-73-2	500 MG/KG (LDLo RABBIT)

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID			
ODOUR AND APPEARANCE: CLEAR-LIGHT STRAW COLOUR; SLIGHT ODOUR.			
ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)	
NOT AVAILABLE	1.02	NOT AVAILABLE	
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE	SOLUBILITY IN WATER	
APPROXIMATELY 1	(WATER=1) <1	(20 ø C) SOLUBLE	
BOILING POINT (C)	FREEZING POINT (C)	% VOLATILE (BY WEIGHT)	
~100	APPROX. O C	>85	
pH (CONCENTRATED)	DENSITY (G/ML)	COEF.OF WATER/OIL DISTR	
8.0-9.0	NOT APPLICABLE	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: WATER FOG, DRY CHEMICAL, CARBON DIOXIDE.			
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF-			
CONTAINED BREATHING APPARATUS.			
FLASH POINT (C) AND METHOD: NONE (TCC)			
HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON AND NITROGEN,			
AMMONIA, ACRYLIC MONOMERS, TOXIC ORGANIC VAPOURS AND FUMES.			
UPPER EXPLOSION LIMIT LOWER EXPLOSION LIMIT AUTOIGNITION TEMP (C)			
NOT APPLICABLE NOT APPLICABLE NOT AVAILABLE			
EXPLOSION DATA SENSITIVITY RATE OF BURNING EXPLOSIVE POWER			
TO CHEMICAL IMPACT			
NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE			
SENSITIVITY TO STATIC DISCHARGE: NOT APPLICABLE			

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY: STABLE			
IF NO, UNDER WHICH CONDITIONS:			
INCOMPATIBILITY TO OTHER SUBSTANCES: YES			
IF SO, WHICH ONES: ACIDS, MILD STEEL, NITRITES, SULPHITES, ORGANIC			
HALOGENS, ORGANIC NITRO COMPOUNDS.			
REACTIVITY AND UNDER WHAT CONDITIONS: NOT ESTABLISHED			
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION CAN GIVE OFF			
OXIDES OF CARBON AND NITROGEN, AMMONIA, ACRYLIC MONOMERS, TOXIC			
ORGANIC VAPOURS AND FUMES.			

SECTION VI - HEALTH HAZARD DATA

ROUTE OF ENTRY:			
SKIN CONTACT: YES SKIN ABSORPTION: NO EYE CONTACT: YES			
INHALATION: YES INGESTION: YES			



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|EFFECTS OF ACUTE EXPOSURE TO MATERIAL: |
|EYES-CONTACT CAN CAUSE MODERATE TO SEVERE IRRITATION. |
|SKIN-CONTACT CAN CAUSE IRRITATION |
|INHALATION-MAY CAUSE IRRITATION OF MOUTH, THROAT AND LARNYX. |
|EXCESSIVE MIST INHALATION MAY CAUSE LUNG DAMAGE WHICH COULD RESULT |
|IN CHEMICAL PNEUMONIA. |
|INGESTION-OF LARGE AMOUNTS MAY RESULT IN GASTRO-INTESTIONAL |
|IRRITATION OR ULCERATION, BURNING SENSATION TO MOUTH AND THROAT. |

|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |
|MAY CAUSE DERMITITIS UPON FREQUENT OR PROLONGED CONTACT. |
| |

|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: IMPERMEABLE (i.e. RUBBER, VINYL OR PVA) |
|RESPIRATORY: AIR PURIFYING RESPIRATOR IF MISTY CONDITIONS PREVAIL. |
| EYE: SAFETY GOGGLES |
| FOOTWEAR: NO SPECIAL REQUIREMENTS |
| CLOTHING: ADEQUATE TO PREVENT SKIN CONTACT. |
| OTHER: EYE WASH AND SAFETY SHOWER |
|ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS SUFFICIENT |
|NATURAL OR MECHANICAL VENTILATION TO MAINTAIN TLV WITHIN ACCEPTABLE |
|LIMITS. |

|LEAK AND SPILL PROCEDURE: SMALL SPILLS-WASH DOWN FLOOR DRAIN WITH |
|LARGE VOLUMES OF WATER. LARGE SPILLS-TRANSFER TO SUITABLE CONTAINER |
|FOR REUSE OR DISPOSAL. ABSORB REMAINING MATERIAL ONTO ABSORBANT AND |
|PLACE IN CONTAINER FOR DISPOSAL. FLUSH RESIDUAL WITH VOUMES OF WATER|

|WASTE DISPOSAL: DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND |
|FEDERAL REGULATIONS. |
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SECTION VIII - FIRST AID MEASURES

| PROCEDURES: |
| EYES-FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES WHILE HOLDING |
| EYELIDS OPEN. IF IRRITATION PERSISTS GET MEDICAL ATTENTION. |
| SKIN-FLUSH AFFECTED AREA WITH RUNNING WATER FOR 15 MINUTES WHILE |
| REMOVING CONTAMINATED CLOTHING. IF IRRITATION PERSISTS, GET MEDICAL |
| ATTENTION. LAUNDER CLOTHING BEFORE REUSE. |
| INHALATION-REMOVE TO FRESH AIR. |
| INGESTION-RINSE MOUTH WITH WATER. GIVE LARGE AMOUNTS OF WATER TO |
| DRINK. NEVER GIVE FLUIDS BY MOUTH IF PERSON IS UNCONSCIOUS OR |
CONVULSING. GET MEDICAL ATTENTION.

SOURCES USED: RAW MATERIAL SUPPLIER'S MATERIAL SAFETY DATA SHEETS

ADDITIONAL INFORMATION: NONE