



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 B2, D2A, D2B

MATERIAL REFERENCE NO: 111500

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: CLEAR COAT	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: SOLVENT BLEND
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: ACRYLIC PROTECTIVE COATING	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
XYLENE	60.0-100.0	100	1330-20-7	4300 MG/KG

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID			
ODOUR AND APPEARANCE: CLEAR COLOURLESS LIQUID; AROMATIC ODOUR.			
ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)	
100	0.898	NOT AVAILABLE	
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE	SOLUBILITY IN WATER	
> 1	NOT AVAILABLE	(20øC) INSOLUBLE	
BOILING POINT (C)	FREEZING POINT (C)	% VOLATILE (BY WEIGHT)	
139	NOT AVAILABLE	85	
pH (10% SOLUTION)	DENSITY (G/ML)	COEF.OF WATER/OIL DISTR	
NOT APPLICABLE	NOT APPLICABLE	NOT AVAILABLE	



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SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

FLAMMABILITY: FLAMMABLE		
IF YES, UNDER WHICH CONDITIONS: HIGH TEMPERATURES, SPARKS OPEN FLAME		
MEANS OF EXTINCTION: WATER FOG, DRY CHEMICAL, CARBON DIOXIDE, FOAM.		
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF-		
CONTAINED BREATHING APPARATUS. DO NOT USE DIRECT WATER STREAM AS		
THIS MAY SPREAD THE FIRE.		
FLASH POINT (C) AND METHOD: 27.8 (TCC)		
HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE,		
POSSIBLY SOME ALIPHATIC ALDEHYDES AND CARBOXYLIC ACIDS.		
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: NOT APPLICABLE		
INCOMPATIBILITY TO OTHER SUBSTANCES: YES		
IF SO, WHICH ONES: STRONG OXIDIZERS, STRONG ALKALIES, STRONG MINERAL		
ACIDS.		
REACTIVITY AND UNDER WHAT CONDITIONS: NOT ESTABLISHED		
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.		
HAZARDOUS DECOMPOSITION PRODUCTS: METHYL METHACRYLATE, N-BUTYL		
METHACRYLATE.		

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 SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION.
SKIN-PROLONGED OR REPEATED CONTACT CAUSES SEVERE IRRITATION, DEFATTING, DERMATITIS.
INHALATION-EXCESSIVE INHALATION OF VAPOURS CAN CAUSE NASAL AND RESPIRATORY IRRITATION AND CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING DIZZINESS, WEAKNESS, FATIGUE, NAUSEA AND HEADACHE.
INGESTION-CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA. ASPIRATION INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:
SKIN- PROLONGED OR REPEATED CONTACT MAY CAUSE DERMITITIS.

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:
REPRODUCTIVE EFFECTS- XYLENE MAY BE TOXIC TO EMBRYO OR FETUS AND MAY REDUCE FERTILITY.

SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: VITON, POLYVINYL ALCOHOL
RESPIRATORY: NIOSH APPROVED AIR PURIFYING RESPIRATOR EQUIPPED WITH ORGANIC VAPOUR CARTRIGES FOR CONC. UP TO 1000 PPM.
EYE: CHEMICAL GOGGLES.
FOOTWEAR: IMPERMEABLE
CLOTHING: IMPERMEABLE
OTHER: EYE WASH AND SAFETY SHOWER
ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): MECHANICAL (GENERAL AND/OR LOCAL) TO MAINTAIN EXPOSURE BELOW TLV.

LEAK AND SPILL PROCEDURE: WEAR RECOMMENDED PROTECTIVE EQUIPMENT.
ELIMINATE ALL SOURCES OF IGNITION. CONTAIN SPILL AND PREVENT ENTRY INTO PUBLIC WATERWAYS. VENTILATE THE AREA. TRANSFER MATERIAL TO SUITABLE CONTAINER FOR RECLAIM OR DISPOSAL. ABSORB REMAINDER ONTO ABSORBANT AND PLACE IN CONTAINERS FOR DISPOSAL.

WASTE DISPOSAL:
DISPOSE IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS
INCINERATION MAY BE POSSIBLE.



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SECTION VIII - FIRST AID MEASURES

| PROCEDURES: EYES-FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES. |
| OBTAIN MEDICAL ATENTION. |
| SKIN- REMOVE CONTAMINATED CLOTHING AND FLUSH AFFECTED AREA WITH |
| RUNNING WATER FOR 15 MINUTES AND WASH AREA WITH SOAP AND WATER. |
| OBTAIN MEDICAL ASSISTANCE. LAUNDER CLOTHING BEFORE REUSE. |
| INHALATION-REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT GIVE |
| OXYGEN. IF NOT BREATHING, ADMINISTER ARTIFICIAL RSPARATION THEN GIVE |
| OXYGEN. GET MEDICAL ATTENTION. |
| INGESTION-IF SWALLOWED, DO NOT INDUCE VOMITING. GIVE 1-2 GLASSES OF |
| WATER OR MILK. IF VOMITING OCCURS GIVE FLUIDS AGAIN. 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.	PG
FLAMMABLE LIQUIDS, N.O.S.	3	1993	II
(XYLENE)			

| HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH SKIN OR EYES. |
| PROVIDE ADEQUATE VENTILATION WHEN USING MATERIAL. ELIMINATE IGNITION |
| SOURCES. WASH THOROUGHLY AFTER HANDLING. |

| STORAGE REQUIREMENTS: STORE IN A COOL, DRY, WELL-VENTILATED AREA |
| AWAY FROM INCOMPATIBLE MATERIALS AND IGNITION SOURCES. KEEP |
| CONTAINER CLOSED WHEN NOT IN USE. |

| SPECIAL SHIPPING INFORMATION: HEATED |

SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
3	0	2

SECTION XI - PREPARATION DATE OF MSDS

| PREPARED BY: TECHNICAL DEPARTMENT TELEPHONE # (905) 456-9444 |

| REVIEWED: OCTOBER 2, 2009 |

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