



# 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: 580800

## SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: ON-LINE B	
CHEMICAL NAME : NOT APPLICABLE	CHEMICAL FAMILY :POLYMER BLEND
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: MIXTURE
SYNONYMS: ACRYLIC CO-POLYMER MIXTURE	
MATERIAL USE: SLUDGE CONDITIONER.	

## SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS   INGREDIENTS	APPROX.   % CONCENT.	TLV   PPM	C.A.S.   NUMBERS	LD 50   ORAL, RAT
SODIUM SALT OF   POLYACRYLIC ACID	5.0-10.0	NOT   AVAILABLE	9003-04-7	2750 MG/KG

## SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID		
ODOUR AND APPEARANCE: CLEAR-LIGHT STRAW COLOUR; SLIGHT ODOUR.		
ODOUR THRESHOLD (PPM)   NOT AVAILABLE	SPECIFIC GRAVITY   1.02	VAPOUR PRESSURE (MM)   NOT AVAILABLE
VAPOUR DENSITY (AIR=1)   APPROXIMATELY 1	EVAPORATION RATE   (WATER=1) 1	SOLUBILITY IN WATER   (20 ° C) SOLUBLE
BOILING POINT (C)   100	FREEZING POINT (C)   APPROX. 0 C	% VOLATILE (BY WEIGHT)   >80
pH ( CONCENTRATED )   6.0-8.0	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: 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: CARBON DIOXIDE, CARBON MONOXIDE,			
OXIDES OF NITROGEN, AMMONIA.			
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, REACTIVE METALS, 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.			

## 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 CAN CAUSE MODERATE TO SEVERE IRRITATION.  
SKIN-CONTACT CAN CAUSE IRRITATION  
INHALATION-MAY CAUSE IRRITATION OF MOUTH, THROAT AND LARYNX.  
EXCESSIVE MIST INHALATION MAY CAUSE LUNG DAMAGE WHICH COULD  
RESULT IN CHEMICAL PNEUMONIA.  
INGESTION-OF LARGE AMOUNTS MAY RESULT IN GASTRO-INTESTINAL  
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. NOT AVAILABLE	LC 50 OF MATL. NOT AVAILABLE	EXPOSURE LIMIT(S) NOT AVAILABLE	IRRITANCY OF MATL MODERATE
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SENSITIZATION OF MATERIAL NOT AVAILABLE	SYNERGISTIC MATERIALS NOT AVAILABLE
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CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY  
NONE KNOWN

## SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: RUBBER, VINYL OR PVA  
RESPIRATORY: AIR PURIFYING RESPIRATOR IF MISTY CONDITIONS PREVAIL.  
EYE: SAFETY GOGGLES  
FOOTWEAR: IMPERMEABLE  
CLOTHING: IMPERMEABLE  
OTHER: EYE WASH AND SAFETY SHOWER  
ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): LOCAL  
IS SUFFICIENT.

LEAK AND SPILL PROCEDURE: SMALL SPILLS-WASH DOWN FLOOR DRAIN WITH  
LARGE VOLUMES OF WATER.  
LARGE SPILLS-TRANSFER TO CONTAINER FOR RECLAIM OR DISPOSAL. ABSORB  
RESIDUE ONTO ABSORBANT AND PLACE IN CONTAINER FOR DISPOSAL.

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 15 MINUTES. 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-GIVE LARGE AMOUNTS OF WATER TO INDUCE VOMITING. CONTACT A PHYSICIAN.
SOURCES USED: RAW MATERIAL SUPPLIER'S MATERIAL SAFETY DATA SHEETS
ADDITIONAL INFORMATION: NONE

## SECTION IX - TDG SHIPPING INFORMATION

SHIPPING NAME NOT REGULATED	CLASS	UN NO.	PACKING GROUP
HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING.			
STORAGE REQUIREMENTS: STORE IN A COOL, DRY AREA. KEEP CONTAINER CLOSED WHEN NOT IN USE.			
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: SEPTEMBER 15, 2003	

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