



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: 124100

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: DUST BOND	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: SOLVENT BLEND
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: DUST CONTROL AGENT	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
ISOPROPYL ALCOHOL	1.0-5.0	400	67-63-0	5045 MG/KG

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID	
ODOUR AND APPEARANCE: PALE, RED, CLEAR LIQUID; MINT ODOUR.	
ODOUR THRESHOLD (PPM) NOT AVAILABLE	SPECIFIC GRAVITY 0.84
VAPOUR PRESSURE (MM) NEGLIGIBLE	
VAPOUR DENSITY (AIR=1) NOT AVAILABLE	EVAPORATION RATE NOT AVAILABLE
SOLUBILITY IN WATER (20°C) SLIGHT EMULSION	
BOILING POINT (C) NOT AVAILABLE	FREEZING POINT (C) NOT AVAILABLE
% VOLATILE (BY WEIGHT) NOT AVAILABLE	
pH (10% SOLUTION) NOT APPLICABLE	DENSITY (G/ML) NOT APPLICABLE
COEF.OF WATER/OIL DISTR NOT AVAILABLE	



MATERIAL SAFETY DATA SHEET

MATERIAL REFERENCE NO: 124100

SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

FLAMMABILITY: NON-FLAMMABLE			
IF YES, UNDER WHICH CONDITIONS:			
MEANS OF EXTINCTION: DRY CHEMICAL, FOAM, WATER FOG, CO2.			
SPECIAL PROCEDURES: WATER MAY BE INEFFECTIVE BUT CAN BE USED TO COOL			
CONTAINERS. USE CAUTION WITH WATER OR FOAM AS FROTHING MAY OCCUR			
ESPECIALLY IF SPRAYED INTO CONTAINERS OF HOT BURNING LIQUID.			
FLASH POINT (C) AND METHOD: 118 (TCC)			
HAZARDOUS COMBUSTION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE,			
SMOKE, IRRITATING VAPOURS.			
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 APPLICABLE 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: OXIDIZING AGENTS, ACIDS			
REACTIVITY AND UNDER WHAT CONDITIONS: NOT ESTABLISHED			
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.			
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL GIVE			
CARBON DIOXIDE, CARBON MONOXIDE, SMOKE, IRRITATING VAPOURS.			

SECTION VI - HEALTH HAZARD DATA

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



MATERIAL SAFETY DATA SHEET

MATERIAL REFERENCE NO: 124100

| EFFECTS OF ACUTE EXPOSURE TO MATERIAL: |
| EYES-CONTACT MAY CAUSE SLIGHT IRRITATION. |
| SKIN-CONTACT MAY CAUSE SLIGHT IRRITATION. |
| INHALATION-WHEN HEATED, VAPOURS OR MISTS MAY RESULT IN IRRITATION OF |
| RESPIRATORY TRACT. WEAR ORGANIC VAPOUR MASK IF MISTING OCCURS. |
| INGESTION-CAN CAUSE GASTROINTESTINAL IRRITATION. MAY CAUSE LAXATIVE |
| EFFECTS. |
| |

| EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |
| SKIN-PROLONGED OR REPEATED CONTACT MAY RESULT IN DEFATTING, DRYING |
| AND DERMATITIS. |
| |
| |
| |

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

| SENSITIZATION OF MATERIAL | SYNERGISTIC MATERIALS |
| NOT AVAILABLE | NOT AVAILABLE |

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

SECTION VII - PREVENTIVE MEASURES

| PERSONAL PROTECTIVE EQUIPMENT: |

| GLOVES: NEOPRENE, NITRILE, PVA |
| RESPIRATORY: APPROVED ORGANIC CANISTER IF VAPOUR OR MIST ARE PRESENT |
| EYE: CHEMICAL GOGGLES OR FACE SHIELD |
| FOOTWEAR: NO SPECIAL REQUIREMENTS |
| CLOTHING: NO SPECIAL REQUIREMENTS. COVER EXPOSED SKIN. |
| OTHER: EYE WASH AND SAFETY SHOWER |
| ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): MECHANICAL |
| TO MAINTAIN EXPOSURES WITHIN ACCEPTABLE LIMITS. |

| LEAK AND SPILL PROCEDURE: CONTAIN SPILL. KEEP OUT OF WATERWAYS. |
| REMOVE IGNITION SOURCES. TRANSFER TO CONTAINERS FOR RECLAIM OR |
| DISPOSAL. REMAINING LIQUID CAN BE ABSORBED ONTO ABSORBANT AND |
| PLACED INTO CONTAINERS FOR DISPOSAL. |

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



MATERIAL SAFETY DATA SHEET

MATERIAL REFERENCE NO: 124100

SECTION VIII - FIRST AID MEASURES

PROCEDURES:
EYES-IMMEDIATELY FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES.
IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.
SKIN-REMOVE CONTAMINATED CLOTHING AND THOROUGHLY WASH AFFECTED AREA
WITH SOAP AND WATER. IF SYMPTOMS OCCUR, GET MEDICAL ATTENTION.
LAUNDRY CLOTHING BEFORE REUSE.
INHALATION-REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF SYMPTOMS
PERSIST.
INGESTION- IF SWALLOWED DO NOT INDUCE VOMITING. GIVE ONE GLASS OF
WATER TO DILUTE MATERIAL IN STOMACH. GUARD AGAINST ASPIRATION OF
CHEMICAL INTO LUNGS. GET 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
NOT REGULATED			

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

STORAGE REQUIREMENTS: STORE IN A COOL, DRY, WELL-VENTILATED AREA IN
CLOSED CONTAINERS, AWAY FROM IGNITION SOURCES AND OXIDIZING AGENTS.
KEEP FROM FREEZING.

SPECIAL SHIPPING INFORMATION: NONE

SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
1	0	1

SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT TELEPHONE # (905) 456-9444
REVIEWED: OCTOBER 1, 2009

DISCLAIMER:

THE INFORMATION CONTAINED HEREIN IS COMPILED FROM SOURCES BELIEVED TO
BE RELIABLE. THE MANNER AND CONDITIONS OF USE AND HANDLING MAY INVOLVE
OTHER AND ADDITIONAL CONSIDERATIONS. WE ACCEPT NO RESPONSIBILITY FOR THE
ACCURACY, SUFFICIENCY, RELIABILITY OR FOR ANY LOSS OR INJURY RESULTING
FROM THE USE OF THE INFORMATION.