

## 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)   SPECIFIC GRAVITY   VAPOUR PRESSURE (MM)
NOT AVAILABLE   0.84   NEGLIGIBLE
VAPOUR DENSITY (AIR=1)   EVAPORATION RATE   SOLUBILITY IN WATER
NOT AVAILABLE   NOT AVAILABLE   (20°C) SLIGHT EMULSION
BOILING POINT (C)   FREEZING POINT (C)   % VOLATILE (BY WEIGHT)
NOT AVAILABLE   NOT AVAILABLE   NOT AVAILABLE
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: NON-FLAMMABLE

| IF YES, UNDER WHICH CONDITIONS:

| MEANS OF EXTINCTION: DRY CHEMICAL, FOAM, WATER FOG, CO<sub>2</sub>.

| 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.

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| 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:

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| INCOMPATIBILITY TO OTHER SUBSTANCES: YES

| IF SO, WHICH ONES: OXIDIZING AGENTS, ACIDS

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| REACTIVITY AND UNDER WHAT CONDITIONS: NOT ESTABLISHED

| HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

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| 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

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|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.

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|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:

|SKIN-PROLONGED OR REPEATED CONTACT MAY RESULT IN DEFATTING, DRYING  
|AND DERMATITIS.

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|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

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## 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.

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## 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.

LAUNDER 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.

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| 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

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