



# 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: B3, D2B

MATERIAL REFERENCE NO: 248200

## SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: P.P.C.	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: BLENDED PRODUCT
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: PRINTING PLATE CLEANER	
MATERIAL USE: PRINTING PLATE CLEANER	

## SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS   INGREDIENTS	APPROX.   % CONCENT.	TLV   PPM	C.A.S.   NUMBERS	LD 50   ORAL, RAT
METHYL ALCOHOL	30.0-60.0	200	67-56-1	5628 MG/KG
ISOPROPYL ALCOHOL	15.0-40.0	400	67-63-0	5045 MG/KG
2-BUTOXYETHANOL	5.0-10.0	25	117-76-2	470 MG/KG
1-METHOXY-2   PROPANOL ACETATE	5.0-10.0	400	108-65-6	8532 MG/KG
ETHYL ETHANOATE	5.0-10.0	400	141-78-6	5600 MG/KG

## SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID		
ODOUR AND APPEARANCE: CLEAR LIQUID, SWEET ALCOHOL ODOUR.		
ODOUR THRESHOLD (PPM)   NOT ESTABLISHED	SPECIFIC GRAVITY   0.824	VAPOUR PRESSURE (MM)   NOT ESTABLISHED
VAPOUR DENSITY (AIR=1)   NOT ESTABLISHED	EVAPORATION RATE   NOT ESTABLISHED	SOLUBILITY IN WATER   (20øC) COMPLETE
BOILING POINT (C)   INITIAL: 82	FREEZING POINT (C)   - 8	% VOLATILE (BY VOLUME)   >99
pH (10% SOLUTION)   NOT APPLICABLE	DENSITY (G/ML)   NOT APPLICABLE	COEF.OF WATER/OIL DISTR   NOT ESTABLISHED



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## SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

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| FLAMMABILITY: FLAMMABLE |  
IF YES, UNDER WHAT CONDITIONS: OPEN FLAME, SPARKS
MEANS OF EXTINCTION: FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER FOG.
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| SPECIAL PROCEDURES: WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SELF- |  
| CONTAINED BREATHING APPARATUS FOR ALL INDOOR FIRES. USE WATER FOG |  
TO COOL FIRE EXPOSED CONTAINERS.
FLASH POINT (C) AND METHOD: 28 (TCC)
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| HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, |  
| VARIOUS HYDROCARBONS, FUMES. |  
UPPER EXPLOSION LIMIT
NOT ESTABLISHED
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EXPLOSION DATA SENSITIVITY	RATE OF BURNING	EXPLOSIVE POWER
TO CHEMICAL IMPACT		
NOT KNOWN	NOT ESTABLISHED	NOT ESTABLISHED
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SENSITIVITY TO STATIC DISCHARGE: YES

## SECTION V - REACTIVITY DATA

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| CHEMICAL STABILITY: YES |  
| IF NO, UNDER WHICH CONDITIONS: |  
INCOMPATIBILITY TO OTHER SUBSTANCES: YES
IF SO, WHICH ONES: STRONG ACIDS, ALKALIES AND OXIDANTS
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| REACTIVITY AND UNDER WHAT CONDITIONS: NOT ESTABLISHED |  
| |  
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION GIVES OFF
CARBON DIOXIDE, CARBON MONOXIDE, VARIOUS HYDROCARBONS AND FUMES.
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## SECTION VI - HEALTH HAZARD DATA

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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-CAN CAUSE SEVERE IRRITATION, CORNEAL DAMAGE. |  
|SKIN-PROLONGED OR REPEATED CONTACT MAY CAUSE SEVERE IRRITATION, |  
| DEFATTING, DERMATITIS. |  
|SKIN ABSORPTION-CAN BE ABSORBED IN TOXIC AMOUNTS. |  
|INHALATION-EXCESSIVE BREATHING OF VAPOURS CAN CAUSE NASAL AND |  
| RESPIRATORY IRRITATION AND CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING |  
| DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHES. |  
|INGESTION-CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING |  
| DIARRHEA, BLINDNESS AND POSSIBLE DEATH |

|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |  
|REPEATED SKIN CONTACT CAUSES DRYING OF SKIN THAT CAN LEAD TO |  
| DEFATTING AND DERMATITIS. |  
| |  
| CONTAINS 2-BUTOXYETHANOL-A HEMOLITIC AGENT CHARACTERIZED BY A |  
| REDUCTION OF RED BLOOD CELLS AND POSSIBLE BLOOD IN THE URINE. |

|LD 50 OF MATL. |LC 50 OF MATL. |EXPOSURE LIMIT(S) |IRRITANCY OF MATL |  
| NOT ESTABLISHED|NOT ESTABLISHED| NOT ESTABLISHED |TO EYES AND SKIN |

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

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

## SECTION VII - PREVENTIVE MEASURES

|PERSONAL PROTECTIVE EQUIPMENT: GLOVES AND GLASSES RECOMMENDED |

| GLOVES: RUBBER / VINYL / PVA |  
|RESPIRATORY: USE SELF-CONTAINED BREATHING APPARATUS FOR HIGH VAPOUR |  
| CONCENTRATIONS. USE VAPOUR MASK FOR MISTY CONDITIONS. |  
| EYE: SAFETY GOGGLES AND FACE SHIELD |  
| FOOTWEAR: IMPERMEABLE |  
| CLOTHING: WORK CLOTHING. COVER EXPOSED SKIN. |  
| OTHER: EYE WASH AND SAFETY SHOWER |  
|ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): MECHANICAL |  
| FOR CONFINED SPACES FOR CONTINUED USE. |

|LEAK AND SPILL PROCEDURE: SMALL SPILLS MAY BE ALLOWED TO EVAPORATE |  
| IN WELL-VENTILATED AREAS. LARGE SPILLS-REMOVE IGNITION SOURCES. |  
|CONTAIN SPILL. TRANSFER TO SUITABLE CONTAINER FOR RECLAIM OR |  
|DISPOSAL. USE EXPLOSION PROOF EQUIPMENT TO TRANSFER SPILLED LIQUID. |  
|ABSORB REMAINING MATERIAL ONTO INERT ABSORBANT AND SCOOP INTO |  
|DISPOSAL CONTAINER. |

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



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## SECTION VIII - FIRST AID MEASURES

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| PROCEDURES: |

| EYES-FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. |

| GET MEDICAL ATTENTION. |

| SKIN-WASH THOROUGHLY WITH SOAP AND WATER WHILE REMOVING CONTAMINATED |

| CLOTHING. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. LAUNDRER |

| CLOTHING BEFORE REUSE. |

| INHALATION-REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS |

| DIFFICULT. GET MEDICAL ATTENTION. |

| INGESTION: INDUCE VOMITING BY EITHER GIVING IPECAC SYRUP OR BY |

| PLACING FINGER AT BACK OF THROAT. NEVER GIVE ANYTHING BY MOUTH TO |

| AN UNCONSCIOUS OR CONVULSING PERSON. GET IMMEDIATE MEDICAL ATTENTION |

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

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| ADDITIONAL INFORMATION: |

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## SECTION IX - TDG SHIPPING INFORMATION

SHIPPING NAME	CLASS	UN NO.	PACKING GROUP
FLAMMABLE LIQUIDS, TOXIC, N.O.S. (METHANOL)	3 (6.1)	1992	II

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| HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH EYES AND SKIN. |

| DO NOT USE NEAR IGNITION SOURCES. WASH THOROUGHLY AFTER HANDLING. |

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| STORAGE REQUIREMENTS: STORE IN A COOL, DRY AREA AWAY FROM HEAT AND |

| IGNITION SOURCES. KEEP CONTAINER CLOSED WHEN NOT IN USE. |

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| SPECIAL SHIPPING INFORMATION: NOT APPLICABLE |

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## SECTION X - HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	TOXICITY
3	1	2

## SECTION XI - PREPARATION DATE OF MSDS

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

| REVIEWED:      OCTOBER 4, 2009 |

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