



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: 249100/249200/249300/249400/249500

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: PLASTI-DIP	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: BLENDED PRODUCT
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: RESIN COATING	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
ALIPHATIC NAPHTHA	30.0-60.0	NO DATA	64742-89-8	NO DATA
XYLENE	10.0-30.0	100	1330-20-7	4300 MG/KG
HEXANE	10.0-30.0	50	110-54-3	28710 MG/KG
ACETONE	7.0-13.0	750	67-64-1	9750 MG/KG
ETHYL BENZENE	1.0-5.0	NO DATA	100-41-4	4300 MG/KG
SILICA (FUMED)	1.0-5.0	10 MG/M3	112945-52-5	NO DATA

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID		
ODOUR AND APPEARANCE: VARIOUS COLOURS (WHITE/RED/YELLOW/BLUE/BLACK)		
LIQUID; SOLVENT ODOUR.		
ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)
NOT AVAILABLE	0.79-0.83	185 mm @ 20°C
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE	SOLUBILITY IN WATER
>1	(BUTYL ACETATE=1) >1	(20°C) NEGLIGIBLE
BOILING POINT (C)	FREEZING POINT (C)	% VOLATILE (BY VOLUME)
56-141	NOT AVAILABLE	80-81
pH (100% 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: HEAT, SPARKS, FLAME, STATIC			
ELECTRICITY.			
MEANS OF EXTINCTION: CARBON DIOXIDE, DRY CHEMICAL, FOAM			
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCULDING SELF-			
CONTAINED BREATHING APPARATUS.			
FLASH POINT (C) AND METHOD: -10 TCC			
HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE			
UPPER EXPLOSION LIMIT LOWER EXPLOSION LIMIT AUTOIGNITION TEMP(C)			
(% BY VOL IN AIR) 12.8 (% BY VOL IN AIR) 1.0 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:			
INCOMPATIBILITY TO OTHER SUBSTANCES: YES			
IF SO, WHICH ONES: STRONG ACIDS, BASES, OXIDIZING AGENTS, SELECTED			
AMINES, ALKALI METALS, HALOGENS.			
REACTIVITY AND UNDER WHAT CONDITIONS: NONE			
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.			
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE.			

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 IRRITATION
SKIN-CONTACT CAN CAUSE IRRITATION, DRYING.
INHALATION-MAY CAUSE HEADACHES, DIZZINESS, DROWSINESS, FATIGUE,
IRREGULAR HEARTBEAT.
NOTE-OTHER TARGET ORGANS INCLUDE CARDIOVASCULAR SYSTEM, KIDNEY,
LIVER, LUNG, RESPIRATORY SYSTEM AND CENTRAL AND PERIPHERAL
NERVOUS SYSTEM.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:
SKIN-OVEREXPOSURE MAY CAUSE DRYING AND CRACKING OF SKIN.
INHALATION-OVEREXPOSURE MAY CAUSE BRAIN AND NERVOUS SYSTEM DAMAGE.

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:
NONE KNOWN

SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: RUBBER OR PLASTIC
RESPIRATORY: ORGANIC VAPOUR CANISTER IN CONFINED AREAS OR IF TLV IS
EXCEEDED OR UNKNOWN.
EYE: CHEMICAL GOGGLES
FOOTWEAR: IMPERVIOUS IF REQUIRED
CLOTHING: IMPERVIOUS IF REQUIRED
OTHER: EYEWASH AND SAFETY SHOWER.
ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): MECHANICAL
TO MAINTAIN EXPOSURE BELOW TLV.

LEAK AND SPILL PROCEDURE: ELIMINATE ALL SOURCES OF IGNITION. PROVIDE
ADEQUATE VENTILATION. CONTAIN SPILL. ABSORB ONTO INERT ABSORBENT.
SWEEP UP AND PLACE IN SEALED CONTAINER FOR DISPOSAL.

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



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SECTION VIII - FIRST AID MEASURES

PROCEDURES:
EYES-FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ASSISTANCE.
SKIN-WASH THOROUGHLY WITH SOAP AND WATER.
INHALATION-REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT GIVE OXYGEN. IF NOT BREATHING ADMINISTER ARTIFICIAL RESPIRATION. GET MEDICAL ASSISTANCE.
INGESTION-DO NOT INDUCE VOMITING. 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
COATING SOLUTION	3	1139	II

HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH EYES AND SKIN. USE IN VENTILATED AREA. KEEP AWAY FROM SPARKS, FLAMES OR HIGH HEAT SOURCES. WASH THOROUGHLY AFTER HANDLING.

STORAGE REQUIREMENTS:
STORE IN A COOL, DRY AREA. DO NOT STORE WHERE TEMPERATURES EXCEED 49 (C). KEEP CONTAINER CLOSED WHEN NOT IN USE.

SPECIAL SHIPPING INFORMATION: FLAMMABLE LIQUID

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: SEPTEMBER 16, 2003

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