



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: 142600

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: HI TONE	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: FLOOR FINISH
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: MIXTURE
SYNONYMS: NONE	
MATERIAL USE: HIGH GLOSS FLOOR FINISH	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
DEG METHYL ETHER	1.0-5.0	NOT AVAILABLE	111-77-3	NOT AVAILABLE
DIBUTYL PHTHALATE	1.0-5.0	5 MG/M3	84-74-2	12,800 MG/KG

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: LIQUID		
ODOUR AND APPEARANCE: OPAQUE, CREAMY WHITE LIQUID; MILD, SWEET ODOUR		
ODOUR THRESHOLD (PPM)	SPECIFIC GRAVITY	VAPOUR PRESSURE (MM)
NOT AVAILABLE	1.03	NOT AVAILABLE
VAPOUR DENSITY (AIR=1)	EVAPORATION RATE	SOLUBILITY IN WATER
> 1	(n-BUTYL ACETATE=1) <1	(20°C) MISCIBLE
BOILING POINT (C)	FREEZING POINT (C)	% VOLATILE (BY VOLUME)
100	NOT AVAILABLE	82
pH (10% SOLUTION)	DENSITY (G/ML)	COEF.OF WATER/OIL DISTR
8.0-9.0	NOT APPLICABLE	NOT AVAILABLE



MATERIAL SAFETY DATA SHEET

MATERIAL REFERENCE NO: 142600

SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

FLAMMABILITY: NON-FLAMMABLE IF YES, UNDER WHICH CONDITIONS: 		
MEANS OF EXTINCTION: WATER SPRAY, CARBON DIOXIDE, CHEMICAL FOAM 		
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF- CONTAINED BREATHING APPARATUS FOR ALL CHEMICAL FIRES. 		
FLASH POINT (C) AND METHOD: NONE 		
HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, UNIDENTIFIED ORGANIC COMPOUNDS. 		
UPPER EXPLOSION LIMIT NOT AVAILABLE	LOWER EXPLOSION LIMIT NOT AVAILABLE	AUTOIGNITION TEMP(C) NOT AVAILABLE
EXPLOSION DATA SENSITIVITY TO CHEMICAL IMPACT NOT AVAILABLE	RATE OF BURNING NOT AVAILABLE	EXPLOSIVE POWER NOT AVAILABLE
SENSITIVITY TO STATIC DISCHARGE: NOT AVAILABLE 		

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY: NORMALLY STABLE IF NO, UNDER WHICH CONDITIONS: EXCESSIVE HEAT AND FREEZING TEMPERATURES CAN AFFECT PRODUCT PERFORMANCE. 		
INCOMPATIBILITY TO OTHER SUBSTANCES: YES IF SO, WHICH ONES: ACIDS. CONTAMINATION WITH OTHER PRODUCTS CAN RUIN THE FLOOR FINISH. 		
REACTIVITY AND UNDER WHAT CONDITIONS: NOT KNOWN 		
HAZARDOUS POLYMERIZATION WILL NOT OCCUR. 		
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL YIELD CARBON DIOXIDE, CARBON MONOXIDE, UNIDENTIFIED ORGANIC COMPOUNDS. 		

SECTION VI - HEALTH HAZARD DATA

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



MATERIAL SAFETY DATA SHEET

MATERIAL REFERENCE NO: 142600

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:
EYES-CONTACT MAY CAUSE IRRITATION
SKIN-PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION, DRYING AND CRACKING OF SKIN, DERMATITIS.
INHALATION-PROLONGED OR REPEATED INHALATION OF VAPOURS OR MIST MAY IRRITATE THE RESPIRATORY TRACT.
INGESTION-MAY CAUSE NAUSEA, VOMITING, DIARRHEA.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:
NOT DETERMINED.

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

SENSITIZATION OF MATERIAL	SYNERGISTIC MATERIALS
NOT AVAILABLE	NOT AVAILABLE

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

SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: IMPERVIOUS GLOVES
RESPIRATORY: NOT NORMALLY REQUIRED
EYE: CHEMICAL GOGGLES.
FOOTWEAR: NO SPECIAL REQUIREMENTS
CLOTHING: ADEQUATE TO PREVENT CONTACT WITH SKIN.
OTHER: EYE WASH AND SAFETY SHOWER
ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): PROVIDE
LOCAL MECHANICAL VENTILATION AS REQUIRED TO MAINTAIN AIRBORNE
CONCENTRATIONS WITHIN RECOMMENDED LIMITS.

LEAK AND SPILL PROCEDURE: PROVIDE ADEQUATE VENTILATION. CONTAIN
SPILL. TRANSFER TO SUITABLE CONTAINER FOR RECLAIM OR DISPOSAL.
ABSORB REMAINDER ON ABSORBANT AND PLACE IN CONTAINER FOR DISPOSAL.
WASH CONTAMINATED AREA WITH VOLUMES OF WATER.

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



MATERIAL SAFETY DATA SHEET

MATERIAL REFERENCE NO: 142600

SECTION VIII - FIRST AID MEASURES

PROCEDURES:
EYES-FLUSH IMMEDIATELY WITH RUNNING WATER FOR AT LEAST 15 MINUTES.
GET MEDICAL ATTENTION.
SKIN-REMOVE CONTAMINATED CLOTHING AND WASH AFFECTED AREA THOROUGHLY
WITH WARM WATER AND SOAP. IF IRRITATION PERSISTS, GET MEDICAL
ATTENTION.
INHALATION-REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION IF SYMPTOMS
OCCUR.
INGESTION-DO NOT INDUCE VOMITING. NEVER GIVE FLUIDS BY MOUTH IF
PERSON IS UNCONSCIOUS OR CONVULSING. 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 AND SKIN.			
WASH THOROUGHLY AFTER HANDLING.			
STORAGE REQUIREMENTS: STORE IN A COOL, DRY AREA AWAY FROM			
INCOMPATIBLE MATERIALS. KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID			
EXCESS HEAT. KEEP FROM FREEZING.			
SPECIAL SHIPPING INFORMATION: NONE			

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
REVISED: OCTOBER 6, 2007	REPLACES: MARCH 16, 2003

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.