



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 A, B5, D2B

MATERIAL REFERENCE NO: 101221

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: ACOUSTICAL TILE RESTORER
CHEMICAL NAME: NOT APPLICABLE CHEMICAL FAMILY: PRESSURIZED BLEND
CHEMICAL FORMULA: MIXTURE MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE
MATERIAL USE: ACOUSTICAL TILE RENOVATOR

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
ETHYL ALCOHOL	10.0-30.0	400	64-17-5	3450 MG/KG
TOLUENE	1.0-5.0	50	108-88-3	636 MG/KG
ACETONE	10.0-30.0	1000	67-64-1	5800 MG/KG
TITANIUM DIOXIDE	1.0-10.0	10 MG/M3	13463-67-7	10000 MG/KG
LIQUIFIED PETROLEUM	20.0-40.0	1000	68476-85-7	NO DATA
GAS				

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: AEROSOL		
ODOUR AND APPEARANCE: WHITE LIQUID; MINT ODOUR.		
ODOUR THRESHOLD (PPM) NOT AVAILABLE	SPECIFIC GRAVITY (CONCENTRATE) 1.08	VAPOUR PRESSURE (MM) 60 PSIG AT 21C
VAPOUR DENSITY (AIR=1) > 1	EVAPORATION RATE NOT AVAILABLE	SOLUBILITY IN WATER (20°C) SOLUBLE
BOILING POINT (C) (CONCENTRATE) 67	FREEZING POINT (C) NOT AVAILABLE	TOTAL VOC % ~63
pH (10% SOLUTION) NOT APPLICABLE	DENSITY (G/ML) NOT APPLICABLE	COEF.OF WATER/OIL DISTR NOT AVAILABLE



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SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

FLAMMABILITY: FLAMMABLE			
IF YES, UNDER WHICH CONDITIONS: WHEN SPRAYED INTO IGNITION SOURCE.			
MEANS OF EXTINCTION: FOAM, DRY CHEMICAL, CO2.			
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF			
CONTAINED BREATHING APPARATUS. USE SHIELDING TO PROTECT FROM			
VENTING, BURSTING OR RUPTURING CONTAINERS. USE WATER FOG TO COOL			
FIRE EXPOSED CONTAINERS.			
FLASH POINT (C) AND METHOD: CONCENTRATE 1 (C) T.O.C.			
FLAME EXTENSION EXTREMELY FLAMMABLE			
HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE.			
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		PRESSURIZED CONTAINER	
NOT AVAILABLE	NOT AVAILABLE	KEEP TEMP. BELOW 49C	
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 OXIDIZING AGENTS.			
REACTIVITY AND UNDER WHAT CONDITIONS: NOT KNOWN			
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.			
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL EMIT			
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 MAY CAUSE IRRITATION. |
|SKIN-CONTACT MAY CAUSE IRRITATION. MAY AGGRAVATE EXISTING SKIN |
|CONDITIONS. |
|INHALATION-CAN CAUSE IRRITATION OF NASAL AND RESPIRATORY PASSAGES. |
|INGESTION-CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING |
|AND DIARRHEA. ASPIRATION INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS. |
|

|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |
|EYES-REPEATED EXPOSURES MAY CAUSE INFLAMMATION OF THE CONJUNCTIVA. |
|INHALATION- REPEATED OR PROLONGED BREATHING OF HIGH CONCENTRATIONS |
|MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT, DIZZINESS, |
|SHORTNESS OF BREATH, CHRONIC COUGH, NAUSEA, DAMAGE TO LUNGS AND |
|OTHER CENTRRR ----- |

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SECTION VIII - FIRST AID MEASURES

PROCEDURES:
EYES-FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.
SKIN-WASH THOROUGHLY WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.
INHALATION-REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT GIVE OXYGEN. IF NOT BREATHING, ADMINISTER ARTIFICIAL RESPIRATION AND THEN GIVE OXYGEN. GET MEDICAL ASSISTANCE.
INGESTION-IF SWALLOWED, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

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

ADDITIONAL INFORMATION: NONE

SECTION IX - TDG SHIPPING INFORMATION

SHIPPING NAME	CLASS	UN NO.	PG
D.G. Safety Marks are in accordance with 49 CFR			

HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH EYES AND SKIN.
USE ONLY IN WELL-VENTILATED AREAS. DO NOT HANDLE OR USE NEAR
IGNITION SOURCES. DO NOT SMOKE.

STORAGE REQUIREMENTS: STORE IN A COOL, DRY, WELL-VENTILATED AREA
AWAY FROM OXIDIZING AGENTS. DO NOT STORE WHERE TEMPERATURES EXCEED
49 (C).

SPECIAL SHIPPING INFORMATION: NON-HEATED

SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
3	1	2

SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT	TELEPHONE # (905) 456-9444
REVISED: NOVEMBER 1, 2009	REPLACES: FEBRUARY 27, 2006

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