



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: 286821

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: VANDAL VANISH (AEROSOL)
CHEMICAL NAME: NOT APPLICABLE CHEMICAL FAMILY: PRESSURIZED BLEND
CHEMICAL FORMULA: MIXTURE MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE
MATERIAL USE: VANDALISM REMOVER

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
TOLUENE	40.0-60.0	100	108-88-3	2600 MG/KG
DIACETONE ALCOHOL	5.0-10.0	50	123-42-2	4000 MG/KG
ISOPROPYL ALCOHOL	5.0-10.0	400	67-63-0	5045 MG/KG
LIQUIFIED PETROLEUM GAS	5.0-10.0	1000	68476-85-7	NOT AVAILABLE

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: AEROSOL
ODOUR AND APPEARANCE: CREAMY, WHITE GEL; MILD ODOUR.
ODOUR THRESHOLD (PPM) SPECIFIC GRAVITY VAPOUR PRESSURE (MM) NOT AVAILABLE (CONCENTRATE) 0.908 45 PSIG AT 20 (C)
VAPOUR DENSITY (AIR=1) EVAPORATION RATE SOLUBILITY IN WATER > 1 NOT AVAILABLE (20°C) EMULSIFIABLE
BOILING POINT (C) FREEZING POINT (C) % VOLATILE (BY WEIGHT) 10 (CONCENTRATE) NOT AVAILABLE NOT ESTABLISHED
pH (10% SOLUTION) DENSITY (G/ML) COEF.OF WATER/OIL DISTR NOT APPLICABLE NOT APPLICABLE NOT AVAILABLE



MATERIAL SAFETY DATA SHEET

MATERIAL REFERENCE NO: 286821

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, CO ₂ .				
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 15 (C) T.O.C. FLAME EXTENSION EXTREMELY FLAMMABLE				
HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, FUMES, SMOKE.				
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 PRESSURIZED CONTAINER 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 GIVE CARBON DIOXIDE, CARBON MONOXIDE, FUMES, SMOKE.	

SECTION VI - HEALTH HAZARD DATA

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

MATERIAL REFERENCE NO: 286821

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES-CONTACT MAY CAUSE IRRITATION OF EYES.

SKIN-CONTACT MAY CAUSE IRRITATION.

INHALATION-CAN CAUSE IRRITATION OF NASAL AND RESPIRATORY PASSAGES.

VERY HIGH CONCENTRATIONS MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT, DIZZINESS, NAUSEA, AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS.

INGESTION-CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. ASPIRATION INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:

SKIN-PROLONGED OR REPEATED CONTACT MAY CAUSE DRYING OF SKIN.

LD 50 OF MATL.	LC 50 OF MATL.	EXPOSURE LIMIT(S)	IRRITANCY OF MATL
NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	SKIN AND EYE IRRITANT

SENSITIZATION OF MATERIAL	SYNERGISTIC MATERIALS
NONE KNOWN	NONE KNOWN

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

SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: RUBBER OR VITON IF REQUIRED

RESPIRATORY: NOT NORMALLY REQUIRED. FOR PROLONGED EXPOSURES OR IF TLV IS EXCEEDED, USE APPROVED ORGANIC CANISTER OR SELF CONTAINED BREATHING APPARATUS.

EYE: CHEMICAL GOGGLES

FOOTWEAR: NO SPECIAL REQUIREMENTS.

CLOTHING: NO SPECIAL REQUIREMENTS. COVER EXPOSED SKIN.

OTHER: EYE WASH AND SAFETY SHOWER

ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): MECHANICAL VENTILATION IN CONFINED SPACES OR WHEN TLV IS EXCEEDED.

LEAK AND SPILL PROCEDURE: REMOVE SOURCES OF IGNITION. ALLOW PROPELLANT TO EVAPORATE. ABSORB ONTO SUITABLE ABSORBANT. SWEEP UP AND PLACE IN CONTAINER FOR DISPOSAL. WASH AREA TO REMOVE RESIDUAL PRODUCT.

WASTE DISPOSAL: DISPOSE OF THROUGH A LICENSED WASTE DISPOSAL FACILITY IN ACCORDANCE WITH FEDERAL, PROVINCIAL AND LOCAL REGULATIONS. DO NOT PUNCTURE OR INCINERATE.

MATERIAL REFERENCE NO: 286821

SECTION VIII - FIRST AID MEASURES

PROCEDURES:

EYES-FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES. IF IRRITATION

PERSISTS, GET MEDICAL ATTENTION.

SKIN-FLUSH WITH SOAP AND WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ASSISTANCE 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. RINSE MOUTH WITH WATER. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CONTACT PHYSICIAN.

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. WASH THOROUGHLY AFTER HANDLING.

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
4	0	1

SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT TELEPHONE # (905) 456-9444
REVIEWED: FEBRUARY 18, 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.