

SECTION 1 - MATERIAL IDENTIFICATION & USE				
MATERIAL: KWIK MIX TROWEL & BOND – TOPPING CEMENT				
MANUFACTURER'S NAME: KWIK MIX MATERIALS LIMITED			sales@kwikmix.com	
STREET ADDRESS: PO BOX 520			STREET ADDRESS 20303 Kwik Mix Road	
CITY: PORT COLBORNE		PROVINCE: ONTARIO	CITY Wainfleet	
PROVINCE: ON				
POSTAL CODE: L3K 5X7	EMERGENCY PHONE : (905) 834-6177		POSTAL CODE	EMERGENCY PHONE
CHEMICAL NAME N/A		CHEMICAL FAMILY: N/A		CHEMICAL FORMULA: N/A
PACKAGE/CONTAINER: BAGGED OR PAILED		TRADE NAMES & SYNONYMS: TROWEL & BOND TOPPING CEMENT		MATERIAL USE: FOR CONSTRUCTION INDUSTRY
SECTION 2 - HAZARDOUS INGREDIENTS				
HAZARDOUS INGREDIENTS	%	UN, NA or CAS	EXPOSURE LIMITS TLV® PEL® OTHER®	
SILICA, NON CRYSTALLINE (COMBINED SILICA, SILICA FUME)	23-32	N/A	N/A	
SILICA, CRYSTALLINE, QUARTZ	2-3	14808-60-7	N/A	
CALCIUM OXIDE	6-8	1305-78-8	N/A	
FERRIC OXIDE	11-15	1309-37-1	N/A	
CHROMIUM OXIDE	0.3-04	N/A	N/A	
ALUMINUM OXIDE	7-10	1344-28-1	N/A	
VINYL POLYMER	1-5	N/A	N/A	
SECTION 3 - PHYSICAL DATA				
PHYSICAL GAS® LIQUID® SOLID x	ODOUR & APPEARANCE: WHITE TO GREY POWDER; ODOURLESS			ODOUR THRESHOLD (PPM): N/A
VAPOUR PRESSURE (mm)Hg N/A	VAPOUR DENSITY (AIR=1) N/A	EVAPORATION RATE N/A	BOILING POINT (0°C) N/A	MELTING POINT (0°C) N/A
VOLATILE (by volume) N/A	SOLUBILITY IN WATER (20°C): PARTLY SOLUBLE	pH: >7	SPECIFIC GRAVITY ABOUT 2-8	
SECTION 4 - FIRE AND EXPLOSION DATA				
FLAMMABILITY YES® NO x	IF YES, UNDER WHAT CONDITIONS? _			
MEANS OF EXTINCTION: WATER FOG® FOAM® CO2® HALON® DRY CHEMICAL® OTHER® (specify)				
USE CONVENTIONAL FIRE-FIGHTING APPARATUS				
SPECIAL PROCEDURES OR UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE				
FLASHPOINT (°C) & METHOD NONE	UPPER EXPLOSION LIMIT (% BY VOLUME) (UEL) N/A		LOWER EXPLOSION LIMIT (% BY VOLUME) (LEL): N/A	
AUTO IGNITION TEMPERATURE (°C) N/A	TDG FLAMMABILITY CLASSIFICATION N/A		HAZARDOUS COMBUSTION PRODUCTS NOx, CO, CO2, SOx	
EXPLOSIONSENSITIVITY TO IMPACT DATA: NONE	RATE OF BURNING	EXPLOSIVE POWER:	SENSITIVITY TO STATIC DISCHARGE NONE	
SECTION 5 - REACTIVITY DATA				
CHEMICAL STABILITY: YES X NO® IF NO, UNDER WHAT CONDITIONS? _				
INCOMPATIBILITY WITH OTHER SUBSTANCES (WATER® OXIDIZING MATERIAL X ACID® BASE®) STRONG OXIDIZING AGENTS, SUCH YES x NO® IF SO, WHICH ONES? _ AS FLORINE, CHLORINE, TRIFLUORIDE, OXYGEN DIFLUORIDE; STRONG ACIDS				
HAZARDOUS POLYMERIZATION WILL OCCUR® WILL NOT OCCUR X		CONDITIONS TO AVOID: MATERIALS WHICH IN ITSELF IS NORMALLY STABLE, EVEN UNDER FIRE EXPOSURE CONDITIONS AND WHICH IS NOT REACTIVE WITH WATER		
HAZARDOUS DECOMPOSITION PRODUCTS: CALCIUM OXIDE AND CARBON DIOXIDE FORMED UPON HEATING				

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SECTION 6 - TOXICOLOGICAL PROPERTIES			
ROUTE OF ENTRY SKIN CONTACT x SKIN ABSORPTION x EYE CONTACT x INHALATION ACUTE x INHALATION CHRONIC x INGESTION x			
EFFECTS OF ACUTE EXPOSURE/CHRONIC EXPOSURE INHALATION: IRRITATES NOSE AND THROAT			
INGESTION: MAY CAUSE INTERNAL BURNS			
EYES: MECHANIC IRRITATION, PRODUCT IN MOIST CONDITION MAY CAUSE BURNS			
SKIN: PRODUCT IN MOIST CONDITION MAY CAUSE IRRITATION OR BURNS			
LD50 OF MATERIAL or LC50 OF MATERIAL (SPECIFY SPECIES & ROUTE) (SPECIFY SPECIES & ROUTE) N/A			IRRITANCY OF MATERIAL EYE, SKIN AND RESPIRATORY TRACT
SENSITIZING CAPABILITY OF MATERIAL: RESPIRATORY TRACT	CARCINOGENICITY OF MATERIAL: INSUFFICIENT DATA, NOT FOUND ON REFERENCE CARCINOGEN LIST	REPRODUCTIVE EFFECTS OF MATERIAL: INSUFFICIENT DATA TO CONFIRM	SYNERGISTIC MATERIALS INSUFFICIENT DATA TO CONFIRM
SECTION 7 - PREVENTIVE MEASURES			
PERSONAL PROTECTIVE EQUIPMENT: RUBBER, NEOPRENE OR PVC GLOVES FOR WET MIXTURE			
GLOVES AS ABOVE	RESPIRATORY (SPECIAL) SELF CONTAINED® AIRLINE® CARTRIDGE® DUST x OTHER®		EYE : SAFETY GLASSES
FOOTWEAR (SPECIFY) RUBBER BOOTS	CLOTHING (SPECIFY): A FIRM BUT NOT ABRASIVE TYPE COLLAR AND TAPED SHIRT AND PANT CUFFS ARE RECOMMENDED FOR PERSONNEL SUBJECTED TO LONG PERIODS OF EXPOSURE IN DUSTY AREA		OTHER (SPECIFY): APPROVED NIOSH/APPROVED DUST RESPIRATOR
ENGINEERING CONTROLS eg (VENTILATION, ENCLOSED PROCESS, SPECIFY) VENTILATION: LOCAL x GENERAL® SPECIAL PROCEDURE®:			
LEAK AND SPILL PROCEDURE: WEAR RESPIRATORY PROTECTION FOR DUSTY CONDITION. AVOID GENERATION OF DUST (DRY SWEEPING). VACUUM CLEANING (EQUIPPED WITH FILTER) RECOMMENDED FOR SMALL SPILL. WHENEVER POSSIBLE, WET DOWN SPILL WITH A WATER SPRAY AND ABSORB ONTO INERT ABSORBENTS (NOTE: WET MIXTURE IS ALKALINE)			
WASTE DISPOSAL/LANDFILL IN ACCORDANCE WITH LOCAL, PROVINCIAL, FEDERAL REGULATIONS			
HANDLING PROCEDURES AND EQUIPMENT: AVOID DUST CLOUD FORMATION. AVOID BREATHING DUST. AVOID SKIN OR EYE CONTACT WITH WET MIXTURE			
STORAGE REQUIREMENTS: STORE IN SEALED CONTAINER			
SPECIAL SHIPPING INFORMATION: CORROSIVE WHEN WET			
SECTION 8 - FIRST AID MEASURES			
INHALATION:			
INGESTION: DO NOT INDUCE VOMITING, OBTAIN MEDICAL ATTENTION IMMEDIATELY			
EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES AND OBTAIN MEDICAL ATTENTION			
SKIN: FLUSH WITH WATER AT LEAST 15 MINUTES, REMOVE CONTAMINATED CLOTHING, APPLY A LANOLIN CREAM FOR MILD IRRITATION, OBTAIN MEDICAL ATTENTION IF IRRITATION PERSISTS			
ADDITIONAL TREATMENTS: NOTE: MATERIAL IS ALKALINE WHEN MOIST			
NOTES TO PHYSICIAN:			
SOURCES USED: (i) MANUFACTURER'S MATERIAL SAFETY DATA SHEETS FOR RAW MATERIALS. (ii) N IRVING SAX, DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, SIXTH EDITION, VAN NOSTRAND REINHOLD. (iii) AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS, THRESHOLD LIMIT VALUES AND BIOLOGICAL EXPOSURE INDICES FOR 1987-1988. (iv) CANADIAN CENTRE FOR OCCUPATIONAL HEALTH & SAFETY, CHEMICAL HAZARD SUMMARY, NON-CRYSTALLINE SILICAS, CRYSTALLINE SILICAS. (v) OCCUPATIONAL HEALTH & SAFETY CANADA, THE BUYERS' GUIDE 1987/88. (vi) SUMMARY OF INTERNATIONAL AGENCY FOR RESEARCH OF CANCER (IARC) MONOGRAPHS 1986			
PREPARED BY KWIK MIX MATERIALS LIMITED	PHONE NUMBER (905) 834-6177	DATE	January 1, 2009

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