

MATERIAL SAFETY DATA SHEET

KWIK MIX MATERIALS LIMITED

SECTION 1 - MATERIAL IDENTIFICATION & USE			
MATERIAL: KWIK MIX HYDRAULIC 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	PHONE : (905) 834-6177	POSTAL CODE: L0S 1V0	EMERGENCY PHONE _
CHEMICAL NAME N/A	CHEMICAL FAMILY: N/A	CHEMICAL FORMULA: N/A	
PACKAGE/CONTAINER: BAGGED OR PAILED	TRADE NAMES & SYNONYMS: QUICK SET HYDRAULIC 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 <input checked="" type="checkbox"/>	ODOUR & APPEARANCE: WHITE TO GREY POWDER or SOFT SOLID; 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 Xx	IF YES, UNDER WHAT CONDITIONS? NONE: HMIS (0-4) 0			
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	
EXPLOSION/SENSITIVITY TO IMPACT DATA: NONE	RATE OF BURNING	EXPLOSIVE POWER:	SENSITIVITY TO STATIC DISCHARGE NONE	

SECTION 5 - REACTIVITY DATA				
CHEMICAL STABILITY: YES Xx NO ® IF NO, UNDER WHAT CONDITIONS? _	HMIS (0-4) 0			
INCOMPATIBILITY WITH OTHER SUBSTANCES (WATER ® OXIDIZING MATERIAL ® ACID ® BASE ®) STRONG OXIDIZING AGENTS, SUCH AS FLORINE, CHLORINE, TRIFLOURIDE, OXYGEN DIFLOURIDE; STRONG ACIDS				
HAZARDOUS POLYMERIZATION WILL OCCUR ® WILL NOT OCCUR ®	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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MATERIAL: KWIK MIX HYDRAULIC CEMENT			
SECTION 6 - TOXICOLOGICAL PROPERTIES			
ROUTE OF ENTRY SKIN CONTACT Xx SKIN ABSORPTION Xx EYE CONTACT X x INHALATION ACUTE Xx INHALATION CHRONIC Xx INGESTION Xx			
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 TO CONFIRM	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 FOR WET MIXTURE	RESPIRATORY (SPECIAL) SELF CONTAINED® AIRLINE® CARTRIDGE® DUST Xx OTHER®	EYE): SAFETY GLASSES	
FOOTWEAR 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): APPROVED DUST RESPIRATOR FOR POWDER	
ENGINEERING CONTROLS eg (VENTILATION, ENCLOSED PROCESS, SPECIFY): VENTILATION: LOCAL Xx 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 WET OR DRY			
STORAGE REQUIREMENTS: STORE IN SEALED CONTAINER			
SPECIAL SHIPPING INFORMATION: CORROSIVE WHEN WET			
SECTION 8 - FIRST AID MEASURES			
INHALATION: MOVE VICTIM TO FRESH AIR IMMEDIATELY, REMOVE SOURCE OF CONTAMINATION, NOTIFY MEDS			
INGESTION: DO NOT INDUCE VOMITING, OBTAIN MEDICAL ATTENTION IMMEDIATELY			
EYES: FLUSH WITH WATER FOR AT LEAST 5 MINUTES AND OBTAIN MEDICAL ATTENTION			
SKIN: FLUSH WITH WATER AT LEAST 5 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 (GROUP, DEPARTMENT, ETC) KWIK MIX MATERIALS LIMITED	PHONE NUMBER (OFFICE) (905) 834-6177	DATE JANUARY 2009	

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