

SECTION 1 - MATERIAL IDENTIFICATION & USE				
MATERIAL: <b>KWIK MIX ASPHALT PATCH</b> 11# pail and 50# bag				
MANUFACTURER'S NAME: KWIK MIX MATERIALS LIMITED			sales@kwikmix.com	
STREET ADDRESS: PO BOX 520			STREET ADDRESS	
CITY: PORT COLBORNE		PROVINCE: ONTARIO	CITY	
CITY		PROVINCE		
POSTAL CODE: L3K 5X7	EMERGENCY PHONE (905)834-6177		POSTAL CODE	EMERGENCY PHONE
WHIMIS: FLAMMABLE SOLID CLASSB, DIV2		CHEMICAL FAMILY: PETROLEUM HYDROCARBON MIXTURE WITH MINERAL AGGREGATE		CLASSIFICATION: POISONOUS MATERIAL CLASS D, DIV 2b
PACKAGED IN: PLASTIC BAG / PAIL		MATERIAL USE: ASPHALT COLD MIX FOR PATCHING AND REPAIRING HOLES IN ASPHALT		
SECTION 2 - HAZARDOUS INGREDIENTS				
COMPONENT	CAS	%(WEIGHT)	LC50(ppm) (Rat.Inhl)	LD50(mg/kg) (Rat, Oral)
ASPHALT	8052-42-4	3.04-4.5%	TLV=5mg/m3	(fumes)
FUEL OIL	68334-30-5	0.25-2.0%	-	5000
COPOLYMER RESIN	-	0-0.5%	-	-
MINERAL AGGREGATE	-	94-96	-	-
SECTION 3 - PHYSICAL DATA				
PHYSICAL GAS ® LIQUID ® SOLID X		ODOUR & APPEARANCE: BLACK SOLID		
ODOUR THRESHOLD (PPM):		-		
VAPOUR PRESSURE (mm)Hg	VAPOUR DENSITY (AIR=1)	EVAPORATION RATE	BOILING POINT (0°C)	MELTING POINT (0°C)
VOLATILES: % (20C) 0.25-1.0	SOLUBILITY IN WATER (20°C): INSOLUBLE	pH:	SPECIFIC GRAVITY 2.0-2.5	
SECTION 4 - FIRE AND EXPLOSION DATA				
FLAMMABILITY YES	IF YES, UNDER WHAT CONDITIONS? WITH SPARKS OR OPEN FLAME			
MEANS OF EXTINCTION: CARBON DIOXIDE, FOAM, DRY CHEMICAL, WATER SPRAY				
SPECIAL FIRE FIGHTING INSTRUCTIONS: Treat as a flammable solid. Use full protective equipment (overalls, boots, goggles etc) and self-contained breathing apparatus. Evacuate the area and fight from a safe distance. Use water spray to cool fire-exposed containers. A fine water mist may be used to smother fire or to disperse vapours. Do not sue a solid stream of water since the stream will scatter the fire.				
UNUSUAL FIRE AND EXPLOSION HAZARDS: Product may release hydrogen sulphide (h2s) gas at high temperatures.				
SPECIAL PROCEDURES OR UNUSUAL FIRE AND EXPLOSION HAZARDS:				
FLASHPOINT (°C) & METHOD >70C (liquid portion of mix)	UPPER EXPLOSION LIMIT (% BY VOLUME) (UEL)		LOWER EXPLOSION LIMIT (% BY VOLUME) (LEL):	
AUTO IGNITION TEMPERATURE (°C)	TDG FLAMMABILITY CLASSIFICATION		HAZARDOUS COMBUSTION PRODUCTS	
EXPLOSION/SENSITIVITY TO IMPACT DATA:	RATE OF BURNING	EXPLOSIVE POWER:	SENSITIVITY TO STATIC DISCHARGE	
SECTION 5 - REACTIVITY DATA				
CHEMICAL STABILITY:		NORMALLY STABLE		
INCOMPATIBILITY WITH OTHER SUBSTANCES (WATER ® OXIDIZING MATERIAL ® ACID ® BASE ®)				
YES x NO ® IF SO, WHICH ONES? STRONG ACIDS, ALKALIS, OXIDIZING AGENTS IE: NITRIC ACIDS, PERMANGANATES, CHLORINE OXYGEN				
HAZARDOUS POLYMERIZATION WILL NOT OCCUR	CONDITIONS TO AVOID: SPARKS AND OPEN FLAMES, EXCESSIVE HEAT APPROACHING FLASH POINT			
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE				

This information is offered solely for informational purposes and is subject to your own investigation and verification.

**MATERIAL: KWIK MIX ASPHALT PATCH****SECTION 6 - REACTIVITY DATA**

CHEMICAL STABILITY	NORMALLY STABLE
CONDITIONS TO AVOID	SPARKS AND OPEN FLAMES, EXCESSIVE HEAT APPROACHING FLASH POINT
INCOMPATIBLE MATERIALS	STRONG ACIDS, ALKALIS, OXIDIZING AGENTS, ie: NITRIC ACIDS, PERMANGANATES, CHLORINE OXYGEN
HAZARDOUS DECOMPOSITION PRODUCTS	CARBON MONOXIDE, CARBON DIOXIDE
HAZARDOUS POLYMERIZATION	WILL NOT OCCUR

**SECTION 7: HEALTH INFORMATION:**

EXPOSURE LIMITS: SEE SECTION 2

**EFFECTS OF OVEREXPOSURE:****INHALATION**

Excessive exposure to vapours may be irritating to the nose, throat, upper respiratory tract and lungs. Excessive exposure to vapours can result in headache, dizziness, nausea and narcotic effects. This substance contains sulphur, which may form hydrogen sulphide. The rotten egg odour of hydrogen sulphide is unreliable as an indicator of concentration. Signs and symptoms of over-exposure to hydrogen sulphide include respiratory tract irritation, headaches, dizziness, nausea, gastrointestinal disturbances, coughing a sensation of dryness and pain in the nose, throat and chest, confusion and unconsciousness. Hydrogen sulphide concentrations of 1000-2000 ppm can be extremely hazardous. This hazard evaluation is based on similar materials.

**SKIN:** Drying, cracking or inflammation of skin (cool material). Thermal burns may result from contact with hot material resulting in pain, discoloration and swelling. Prolonged exposure to skin may cause dermatitis. Toxic amounts of product may be absorbed through the skin. This hazard evaluation is based on similar materials.

**EYES:** The cool material will cause minor eye irritation. However, thermal burns may result from contact with the hot material. The degree of the injury will depend on the amount of material that gets into the eye and the speed and thoroughness of the first aid treatment. Signs and symptoms may include: pain, tears, swelling, redness and blurred vision. This hazard evaluation is based on data from similar materials.

**INGESTION:** If swallowed, this product may cause vomiting, nausea and diarrhoea and may be harmful if swallowed in large amounts. This hazard evaluation is based on data from similar materials.

**SECTION 8 - PREVENTATIVE MEASURES and FIRST AID PROCEDURES**

**VENTILATION:** General ventilation sufficient to control the exposure levels below the limits.

GLOVES Nitrile, Viton gloves recommended	RESPIRATORY PROTECTION: Avoid breathing vapours. Use an organic vapour canister mask or a NIOSH/OSHA approved respirator when exposure levels are exceeded.	EYE (SPECIFY):
FOOTWEAR (SPECIFY) safety boots	CLOTHING (SPECIFY): protective clothing to prevent contact	OTHER (SPECIFY):

**EYES:** Wear anti-splash chemical safety goggles with sidepieces or wear a face shield contact lenses should not be worn when working with organic solvents.

**LEAK AND SPILL PROCEDURE:)** Eliminate sources of ignition. Avoid breathing vapours and contact with product. Ventilate the area. Wear protective clothing and breathing apparatus. Contain spill. Handle as a flammable solid. Absorb with inert absorbent such as dry clay or sand. Place absorbent in closed metal containers. DO NOT FLUSH TO SEWERS.

**WASTE DISPOSAL:** Dispose in approved landfill site.

**HANDLING PROCEDURES AND EQUIPMENT:** Store in clean area away from high heat, incompatible materials and sources of ignition. Keep containers tightly closed when not in use. Avoid skin and eye contact. During storage or transit of product, vapours may accumulate in enclosed spaces. Avoid inhalation. Contaminated rags must be thrown into a water filled container after use.

PREPARED BY KWIK MIX MATERIALS LIMITED

PHONE NUMBER (905) 834-6177

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