

HENRY COMPANY CANADA INC.

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EMERGENCY TEL. NO.: (514) 364-5224

MATERIAL SAFETY DATA SHEET

WHMIS: B-3, D-2B

I - PRODUCT INFORMATION

PRODUCT NAME	Bakor 110-14 Asp/Sp/Trowel
PRODUCT TYPE	Asphalt/Solvent Cutback
PRODUCT USE	Vapour barrier coating for rigid thermal insulation

II - HAZARDOUS INGREDIENTS

INGREDIENTS	%	CAS #	EXPOSURE LIMITS	LD50/LC50(SPECIES & ROUTE)
Stoddard Solvent	30-60	8052-41-3	100 ppm, TLV	LD50(oral-rat) > 5000 mg/kg LC50(inhal.-rat) > 5g/m3
Mica	7-13	12001-26-2	3 ppm, respirable dust	Not determined
Isodecyloxy propylamine acetate	0.5-1.5	28701-67-9	Not determined	Not determined

III - PHYSICAL DATA

PHYSICAL <input type="checkbox"/> GAS STATE <input checked="" type="checkbox"/> LIQUID <input type="checkbox"/> SOLID	ODOUR & APPEARANCE Black liquid, petroleum odour.	ODOUR THRESHOLD (ppm) Not available	
VOLATILE (VOL.) VOC 32 - 40% < 375 g/L	VAPOUR PRESSURE (mm Hg) 7 at 38°C	VAPOUR DENSITY (AIR = 1) 3.9	EVAPORATION RATE (BuAc=1) 0.10-0.15
BOILING POINT (°C) 150 - 204°C	FREEZING POINT (°C) Not applicable	SPEC. GRAVITY (WATER - 1) 1.00-1.03	DENSITY (g / ml) 1.00-1.03
SOLUBILITY (IN WATER) Insoluble	COEF. OF WATER/OIL DIST. Not available	pH Not applicable	

IV - FIRE & EXPLOSION HAZARD

FLAMMABILITY <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	CONDITIONS OF FLAMMABILITY Avoid excessive heat and open flames.	
FLASH POINT (°C): 42°C METHOD: PMCC	FLAMMABLE LIMITS (% VOLUME) LOWER: 1 UPPER: 6	AUTO-IGNITION TEMP. (°C) 245°C approx.
TDG FLAMMABILITY CLASS Class 3, PG III	SENSITIVITY TO MECHANICAL IMPACT None	SENSITIVITY TO STATIC DISCHARGE Yes
HAZARDOUS COMBUSTION PRODUCTS	On burning some SO2 and traces of CO. Main combustion products are H2O, CO2 and C (as heavy smoke).	
MEANS OF EXTINCTION	Foam , Carbon dioxide, Dry chemicals, water fog.	
SPEC. FIRE FIGHTING PROCEDURES	Contain spill. Cover with extinguishing agents. Use water spray to cool fire-exposed containers. Self-contained equipment and full protective clothing when fumes or smoke are present.	

V - PREPARATION OF M.S.D.S.

PREPARED BY: WHMIS Group	PHONE NUMBER (514) 364-5224	DATE May 2006
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VI - REACTIVITY DATA		Bakor 110-14 Asp/Sp/Trowel
CHEMICAL [X] YES STABILITY [] NO	CONDITIONS TO AVOID: Sources of ignition, excessive heat approaching flash point.	
INCOMPATIBILITY (SUBSTANCE TO AVOID)	Strong oxidizing agents may ignite the product.	
CONDITIONS OF REACTIVITY	None.	
HAZARDOUS DECOMPOSITION PRODUCTS	Will not decompose under normal conditions of handling and warehousing.	

VII - TOXICOLOGICAL PROPERTIES			
THRESHOLD LIMIT VALUE	100 ppm	LC50/LD50 (estimated)	LD50(oral-rat) > 5000 mg/kg LC50(inhal.-rat) > 5g/m3
ROUTE OF ENTRY	<input checked="" type="checkbox"/> SKIN CONTACT <input type="checkbox"/> SKIN ABS. <input checked="" type="checkbox"/> EYES <input checked="" type="checkbox"/> INGESTION <input checked="" type="checkbox"/> INHALATION		
EFFECTS OF ACUTE EXPOSURE	Overexposure to vapours may cause headache, dizziness, nausea and unconsciousness. May cause eye irritation, blurred vision. Ingestion may cause gastro- intestinal irritation, nausea, vomiting, diarrhea. Aspiration into the lungs can cause chemical pneumonitis which may be fatal.		
EFFECTS OF CHRONIC EXPOSURE	Repeated skin contact may cause moderate irritation or dermatitis.		
IRRITANCY	Eye, skin and respiratory tract irritant.	SENSITIZATION	Not available
		SYNERGISTIC MATERIALS	Not available
<input type="checkbox"/> CARCINOGENICITY	<input type="checkbox"/> REPRODUCTIVE EFFECTS	<input type="checkbox"/> TERATOGENICITY	<input type="checkbox"/> MUTAGENICITY
Not believed to cause any of these effects.			

VIII - FIRST AID MEASURES	
SKIN	Thoroughly wash exposed areas with waterless cleaner or soap and water.
EYES	Flush eyes thoroughly with plenty of lukewarm water. Get medical attention immediately.
INHALATION	Remove victim to fresh air. Administer artificial respiration if breathing has stopped, administer oxygen. Consult a physician immediately.
INGESTION	DO NOT INDUCE VOMITING. If vomiting occurs, take care to prevent aspiration into lungs. Force fluids, activated charcoal tablets. Obtain medical attention immediately.

IX - PREVENTIVE MEASURES	
PERSONAL PROTECTIVE EQUIPMENT	EYES: Goggles if applied by spray.
	GLOVES: Chemical resistant rubber or plastic gloves.
	CLOTHING: Overalls or apron, chemical resistant.
	RESPIRATORY: Approved respirator in confined areas or if applied by spray.
ENGINEERING CONTROLS (VENTILATION, ETC.)	Exhaust ventilation required in confined spaces, face velocity 60 fpm..
LEAK AND SPILL PROCEDURE	Avoid breathing fumes and contact with skin and eyes. Avoid sources of ignition. Contain with absorbent solids such as sand, earth, etc.
WASTE DISPOSAL	Bury in approved landfill or burn in approved incinerator as per state, federal and provincial regulations.
HANDLING PROCEDURES	Handle with reasonable care and caution.
STORAGE REQUIREMENTS	Store in cool, well ventilated areas. Keep away from ignition sources.
SHIPPING INFORMATION	TDG regulations not applicable for shipments on a road vehicle, a railway vehicle or a ship on a domestic voyage if shipped in means of containment of 450L or less. Tars, liquid; UN1999; Class3, Packing Group III.

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