

HENRY COMPANY CANADA INC.

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MATERIAL SAFETY DATA SHEET

WHMIS: B-3, D-2B

I - PRODUCT INFORMATION

PRODUCT NAME	Bakor 810-55
PRODUCT TYPE	Asphalt-Oil/Solvent Cutback
PRODUCT USE	Resaturating and coating of weathered asphalt built up roofing

II - HAZARDOUS INGREDIENTS

INGREDIENTS	%	CAS #	EXPOSURE LIMITS	LD50/LC50(SPECIES & ROUTE)
Stoddard Solvent	10-30	8052-41-3	100 ppm (ACGIH)	LD50 (oral-rat) > 5 g/kg LC50 (inhal.-rat) > 5 g/m3
Petroleum Distillates	10-30	68476-30-2	5 mg/m3 (ACGIH)	LD50 (oral-rat) > 5000 mg/kg

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 46% < 375 g/L	VAPOUR PRESSURE (mm Hg) 7 - 10 at 38 °C	VAPOUR DENSITY (AIR = 1) 3.9	EVAPORATION RATE (BuAc=1) 0,10 - 0,15
BOILING POINT (°C) Initial: 140 °C	FREEZING POINT (°C) Not applicable	SPEC. GRAVITY (WATER - 1) 0.92	DENSITY (g / ml) 0.92
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 heat and open flames.	
FLASH POINT (°C): 43 °C METHOD: PMCC	FLAMMABLE LIMITS (% VOLUME) LOWER: 1,0 UPPER: 6,0	AUTO-IGNITION TEMP. (°C) 245 °C for solvent portion
TDG FLAMMABILITY CLASS Class 3, PG III	SENSITIVITY TO MECHANICAL IMPACT None	SENSITIVITY TO STATIC DISCHARGE If product above flash point
HAZARDOUS COMBUSTION PRODUCTS	On burning (dry film), 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 spray (for small fires).	
SPEC. FIRE FIGHTING PROCEDURES	Contain spill. Cover with extinguishing agents. Use water spray to cool fire-exposed containers. Self-contained equipment and fullprotective 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 810-55
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	Not applicable.	
HAZARDOUS DECOMPOSITION PRODUCTS	Will not decompose under normal conditions of handling or warehousing.	

VII - TOXICOLOGICAL PROPERTIES			
THRESHOLD LIMIT VALUE	200 ppm for solvent portion.	LC50/LD50 (estimated)	LD50 (oral-rat) > 5 g/kg LC50 (inhal.-rat) > 5 g/m3
ROUTE OF ENTRY	<input 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	Excessive inhalation of vapours can cause headache, dizziness, nausea and unconsciousness. Will cause gastro-intestinal problems if ingested in large quantity.		
EFFECTS OF CHRONIC EXPOSURE	Prolonged or repeated contact with skin will cause irritation, defatting, dermatitis. Vapours may also irritate eyes, nose and throat.		
IRRITANCY	Skin irritancy after prolonged or repeated contacts.	SENSITIZATION	Not available
		SYNERGISTIC MATERIALS	Not available
<input type="checkbox"/> CARCINOGENICITY	<input type="checkbox"/> REPRODUCTIVE EFFECTS	<input type="checkbox"/> TERATOGENICITY	<input type="checkbox"/> MUTAGENICITY
Product not believed to cause any of these effects.			

VIII - FIRST AID MEASURES	
SKIN	Thoroughly wash exposed areas with soap and water or waterless hand cleaner.
EYES	Flush eyes thoroughly with plenty of lukewarm water. Get medical attention.
INHALATION	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
INGESTION	<u>DO NOT INDUCE VOMITING.</u> If vomiting, take care to prevent aspiration into lungs. Force fluids. Activated charcoal tablets. Get medical attention.

IX - PREVENTIVE MEASURES	
PERSONAL PROTECTIVE EQUIPMENT	EYES: Goggles if applied by spray.
	GLOVES: Suggested (neoprene, nitrile)
	CLOTHING: Oil resistant apron and/or clothing if direct contact is likely.
	RESPIRATORY: Approved organic vapour mask in confined areas.
ENGINEERING CONTROLS (VENTILATION, ETC.)	Exhaust ventilation required in confined areas to maintain TLV.
LEAK AND SPILL PROCEDURE	Avoid breathing fumes and contact with skin and eyes. Avoid all sources of ignition. Contain spill with sand or earth. Remove to disposal containers.
WASTE DISPOSAL	Approved incineration or sanitary landfill as per local, provincial, state and federal regulations.
HANDLING PROCEDURES	Normal.
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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