

HENRY COMPANY CANADA INC.

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MATERIAL SAFETY DATA SHEET

WHMIS: B-3, D-2B

I - PRODUCT INFORMATION

PRODUCT NAME	Bakor Air-Bloc 07
PRODUCT TYPE	Rubberized Asphalt/Solvent Blend
PRODUCT USE	Air barrier membrane

II - HAZARDOUS INGREDIENTS

INGREDIENTS	%	CAS #	EXPOSURE LIMITS	LD50/LC50(SPECIES & ROUTE)
Stoddard Solvent	10-30	8052-41-3	100 ppm, TLV	LD50(oral-rat) > 5000 mg/kg LC50(inhal.-rat) > 5g/m ³
Ethylene Glycol	1-5	107-21-1	100 mg/m ³ (ACGIH) 50 ppm (OSHA)	LD50(oral-rat) > 4700 mg/kg LD50(dermal-rabbit)>9530 µL/kg

III - PHYSICAL DATA

PHYSICAL [] GAS STATE [x] LIQUID [] SOLID	ODOUR & APPEARANCE Black liquid with petroleum odour.	ODOUR THRESHOLD (ppm) Not available	
VOLATILE (VOL.) VOC 35 - 40% < 250 g/L	VAPOUR PRESSURE (mm Hg) 5 - 15 at 38°C	VAPOUR DENSITY (AIR = 1) 3.9 - 4.5	EVAPORATION RATE (BuAc=1) 0.10 - 0.20
BOILING POINT (°C) 140 - 200°C	FREEZING POINT (°C) Not applicable	SPEC. GRAVITY (WATER - 1) Approx 1.0	DENSITY (g / ml) Approx 1.0
SOLUBILITY (IN WATER) Insoluble	COEF. OF WATER/OIL DIST. Not available	pH Not applicable	

IV - FIRE & EXPLOSION HAZARD

FLAMMABILITY [X] YES [] NO	CONDITIONS OF FLAMMABILITY Avoid excessive heat and open flames.	
FLASH POINT (°C): 43°C METHOD: PMCC	FLAMMABLE LIMITS (% VOLUME) LOWER: 1.0 UPPER: 7.0	AUTO-IGNITION TEMP. (°C) 245°C for solvent
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 some SO ₂ and traces of CO. Main combustion products are H ₂ O, CO ₂ 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 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 Air-Bloc 07
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 DECOMPOS- ITION PRODUCTS	Will not decompose under normal conditions of handling and warehousing.	

VII - TOXICOLOGICAL PROPERTIES			
THRESHOLD LIMIT VALUE	50 ppm	LC50/LD50 (estimated)	LD50(oral-rat) > 4700 mg/kg LD50(dermal-rabbit)>9530 µL/kg
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	Inhalation of high concentrations of vapours can cause headache, dizziness, nausea and unconsciousness. Can cause gastro-intestinal irritation, nausea, vomiting, diarrhea if ingested in large quantity.		
EFFECTS OF CHRONIC EXPOSURE	Prolonged or repeated skin contact may cause severe skin problems as lesions of 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 checked="" type="checkbox"/> TERATOGENICITY	<input type="checkbox"/> MUTAGENICITY
No human evidence for any effects. Ethylene glycol has been shown to produce dose-related teratogenic effects in rats and mice when given in drinking water at high concentrations.			

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: Suggested (neoprene, nitrile).
	CLOTHING: Oil resistant apron and/or clothing if direct contact is likely.
	RESPIRATORY: Use approved, organic vapour mask in confined areas or if applied by spray.
ENGINEERING CONTROLS (VENTILATION, ETC.)	Ventilation required in confined areas. Local exhaust, if necessary, to maintain TLV.
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	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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