

# HENRY COMPANY CANADA INC.

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

## MATERIAL SAFETY DATA SHEET

WHMIS: D-2B

### I - PRODUCT INFORMATION

PRODUCT NAME	Bakor Air-Bloc 32 Trowel, Air-Bloc 32 Spray
PRODUCT TYPE	Aqueous emulsion
PRODUCT USE	Liquid water based air/vapour barrier

### II - HAZARDOUS INGREDIENTS

INGREDIENTS	%	CAS #	EXPOSURE LIMITS	LD50/LC50(SPECIES & ROUTE)
Heavy naphthenic distillate	7-13	64742-11-6	5 mg/m <sup>3</sup>	LD50(rat-oral) > 5g/kg LD50(rat-skin) > 2g/kg
Butyl benzyl phthalate	1-5	85-68-7	5 mg/m <sup>3</sup>	LD50(rat-oral) > 20.4g/kg LC50(rat-inhal) > 6.7mg/L/4hr

### III - PHYSICAL DATA

PHYSICAL STATE <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID <input type="checkbox"/> SOLID	ODOUR & APPEARANCE Off-White, water based emulsion; slight ammoniac odour.	ODOUR THRESHOLD (ppm) N/A	
VOLATILE (VOL.) VOC 54 - 58% < 20 g/L	VAPOUR PRESSURE (mm Hg) As for water	VAPOUR DENSITY (AIR = 1) As for water	EVAPORATION RATE (BuAc=1) As for water
BOILING POINT (°C) 100°C	FREEZING POINT (°C) 0°C	SPEC. GRAVITY (WATER - 1) 1.03	DENSITY (g / ml) 1.03
SOLUBILITY (IN WATER)	Miscible in water as supplied Insoluble when dry	COEF. OF WATER/OIL DIST. N/D	pH 7-8

### IV - FIRE & EXPLOSION HAZARD

FLAMMABILITY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONDITIONS OF FLAMMABILITY Not applicable.	
FLASH POINT (°C): None METHOD:	FLAMMABLE LIMITS (% VOLUME) LOWER: None UPPER: None	AUTO-IGNITION TEMP. (°C) None
TDG FLAMMABILITY CLASS Not Applicable	SENSITIVITY TO MECHANICAL IMPACT None	SENSITIVITY TO STATIC DISCHARGE None
HAZARDOUS COMBUSTION PRODUCTS	Exposure to flames or fire may cause thermal degradation with evolution SO <sub>2</sub> , CO and CO <sub>2</sub> . Main combustion products are H <sub>2</sub> O, CO <sub>2</sub> and C (as heavy smoke).	
MEANS OF EXTINCTION	Foam, carbon dioxide, dry chemicals, water spray (for small fires)	
SPEC. FIRE FIGHTING PROCEDURES	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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<b>VI - REACTIVITY DATA</b>		Bakor Air-Bloc 32
CHEMICAL [ X ] YES STABILITY [ ] NO	CONDITIONS TO AVOID: Freezing will damage emulsion. Acids will coagulate the product.	
INCOMPATIBILITY (SUBSTANCE TO AVOID)	Materials that react with water.	
CONDITIONS OF REACTIVITY	None.	
HAZARDOUS DECOMPOSITION PRODUCTS	If exposed to very high temperatures, thermal decomposition will give off CO and CO <sub>2</sub> .	

<b>VII - TOXICOLOGICAL PROPERTIES</b>		
THRESHOLD LIMIT VALUE  5 mg/m <sup>3</sup>	LC50/LD50 (estimated)	LD50(rat-oral) > 20.4g/kg LC50(rat-inhal) > 6.7mg/L/4hr
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	Eye and skin contact may cause irritation. Ingestion may cause adverse health effects. Inhalation of mist or spray may cause irritation of the respiratory tract.	
EFFECTS OF CHRONIC EXPOSURE	Data not available but repeated exposure should not create severe effects.	
IRRITANCY    Eye and skin irritant.	SENSITIZATION Not known	SYNERGISTIC MATERIALS Not known
<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.	

<b>VIII - FIRST AID MEASURES</b>	
SKIN	Thoroughly wash exposed areas with soap and water.
EYES	Flush eyes thoroughly with plenty of lukewarm water for at least 20 minutes. Get medical attention.
INHALATION	Remove victim to fresh air. If breathing is difficult, administer oxygen. Consult a physician immediately.
INGESTION	Do not induce vomiting. Get immediate medical attention or call a poison control center.

<b>IX - PREVENTIVE MEASURES</b>	
PERSONAL PROTECTIVE EQUIPMENT	EYES:                      Safety goggles to protect against splash.
	GLOVES:                    Rubber or plastic gloves.
	CLOTHING:                Overalls or apron, solvent resistant.
	RESPIRATORY:            Approved respirator in confined areas or if exposed to vapours or mist.
ENGINEERING CONTROLS (VENTILATION, ETC.)	Exhaust ventilation required in confined spaces.
LEAK AND SPILL PROCEDURE	Wet material: Dike liquid and pump to disposal containers. Wash with water. Dry material: Scrape up into disposal containers. Wash off with low hazard solvents.
WASTE DISPOSAL	Waste to be disposed of by incineration, in approved landfill or waste disposal facility, in accordance with local, provincial, state and federal regulations.
HANDLING PROCEDURES	Handle with reasonable care and caution.
STORAGE REQUIREMENTS	Storage temperature: 10-30°C. Protect from freezing. Avoid temperatures above 40°C.
SHIPPING INFORMATION	Protect from freezing.

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