



#1 CHOICE OF PROFESSIONALS®

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

MATERIAL SAFETY DATA SHEET

WHMIS: Not controlled

I - PRODUCT INFORMATION	
PRODUCT NAME	Bakor Air-Bloc 31
PRODUCT TYPE	Aqueous emulsion
PRODUCT USE	Liquid water based air barrier

II - HAZARDOUS INGREDIENTS				
INGREDIENTS	%	CAS #	EXPOSURE LIMITS	LD50/LC50(SPECIES & ROUTE)
Ethylene Glycol	1-5	107-21-1	50 ppm (ACGIH) TLV-vapour	LD50 (oral-rat) > 4700 mg/kg LD50(skin-rabbit) > 9530 mg/kg

III - PHYSICAL DATA				
PHYSICAL STATE <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUIDE <input type="checkbox"/> SOLID	ODOUR & APPEARANCE Light grey, water based emulsion; slight sweet odour.		ODOUR THRESHOLD (ppm) N/A	
VOLATILE (VOL.) VOC 46 - 50 % < 50 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) 1.01	DENSITY (g / ml) 1.01	
SOLUBILITY (IN WATER)	Miscible in water as supplied Insoluble when dry	COEF. OF WATER/OIL DIST. N/D	pH 9-11	

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 ₂ , CO and CO ₂ Main combustion products are H ₂ O, CO ₂ and C (as heavy smoke).	
MEANS OF EXTINCTION	Not applicable	
SPEC. FIRE FIGHTING PROCEDURES	Not applicable	

V - PREPARATION OF M.S.D.S

PREPARED BY: <p style="text-align: center;">WHMIS Group</p>	PHONE NUMBER (514) 364-5224	DATE May 2006
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VI - REACTIVITY DATA

CHEMICAL <input checked="" type="checkbox"/> YES STABILITY <input type="checkbox"/> 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 DECOMPOS- ITION PRODUCTS	If exposed to very high temperatures, thermal decomposition will give off CO and CO2

VII - TOXICOLOGICAL PROPERTIES

THRESHOLD LIMIT VALUE <p style="text-align: center;">50 ppm</p>	LC50/LD50 (estimated) LD50 (oral-rat) > 4700 mg/kg LD50 (skin-rabbit) > 9530 mg/kg
ROUTE OF ENTRY	<input type="checkbox"/> SKIN CONTACT <input type="checkbox"/> SKIN A <input checked="" type="checkbox"/> EYES <input checked="" type="checkbox"/> INGESTION <input 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	Not known
IRRITANCY Eye irritant	SENSITIZATION Not known
SYNERGISTIC MATERIALS Not known	
<input type="checkbox"/> CARCINOGENICITY <input type="checkbox"/> REPRODUCTIVE EFFECTS <input type="checkbox"/> TERATOGENICIT <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.
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	If victim is conscious, give two glasses of water and induce vomiting. Obtain medical attention.

IX - PREVENTIVE MEASURES	
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: 10-27°C. Protect from freezing. Avoid temperatures above 40°C.
SHIPPING INFORMATION	Protect from freezing if possible

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