

# 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 Duck-Seal
PRODUCT TYPE	Polymer Emulsion
PRODUCT USE	Sealing of air ducts.

### II - HAZARDOUS INGREDIENTS

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

### III - PHYSICAL DATA

PHYSICAL <input type="checkbox"/> GAS STATE <input checked="" type="checkbox"/> LIQUID <input type="checkbox"/> SOLID	ODOUR & APPEARANCE Grey, high viscosity liquid. Mild odour.	ODOUR THRESHOLD (ppm) Not available	
VOLATILE (VOL.) VOC 40-45% < 100 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) Approx. 100°C	FREEZING POINT (°C) Approx. 0°C	SPEC. GRAVITY (WATER - 1) 1.30-1.35	DENSITY (g / ml) 1.30-1.35
SOLUBILITY (IN WATER)	Miscible in water as supplied Insoluble when dry.	COEF. OF WATER/OIL DIST. Not available	pH 7-10

### 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 regulated	SENSITIVITY TO MECHANICAL IMPACT None	SENSITIVITY TO STATIC DISCHARGE None
HAZARDOUS COMBUSTION PRODUCTS	On burning (dry film), some carbon monoxide. Main combustion products are H2O, CO2 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: WHMIS Group	PHONE NUMBER (514) 364-5224	DATE May 2006
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<b>VI - REACTIVITY DATA</b>		Bakor Duck-Seal
CHEMICAL [ X ] YES STABILITY [ ] NO	CONDITIONS TO AVOID: Freezing may damage emulsion.	
INCOMPATIBILITY (SUBSTANCE TO AVOID)	Materials that react with water.	
CONDITIONS OF REACTIVITY	Not applicable.	
HAZARDOUS DECOMPOS- ITION PRODUCTS	Will not decompose under normal conditions of handling or warehousing.	

<b>VII - TOXICOLOGICAL PROPERTIES</b>			
THRESHOLD LIMIT VALUE 50 ppm	LC50/LD50 (estimated)	LD50 (oral-rat) > 4700 mg/kg LD50 (dermal-rabbit) > 9530 mg/kg	
ROUTE OF ENTRY	[ ] SKIN CONTACT [ ] SKIN ABS. [x] EYES [x] INGESTION [ ] INHALATION		
EFFECTS OF ACUTE EXPOSURE	Not known but product could probably cause eye irritation if not washed immediately. Could also cause gastro-intestinal problems if ingested in large quantity.		
EFFECTS OF CHRONIC EXPOSURE	Not known		
IRRITANCY Eye irritant.	SENSITIZATION Not known	SYNERGISTIC MATERIALS Not known.	
[ ] CARCINOGENICITY	[ ] REPRODUCTIVE EFFECTS	[ ] TERATOGENICITY	[ ] MUTAGENICITY
Product not believed to cause any of these effects.			

<b>VIII - FIRST AID MEASURES</b>	
SKIN	Thoroughly wash with soap and water or with waterless hand cleaner.
EYES	Flush eyes thoroughly with plenty of lukewarm water. Get medical attention if needed..
INHALATION	Should not cause problems.
INGESTION	If victim is conscious, give two glasses of water to drink and induce vomiting. Obtain medical attention.

<b>IX - PREVENTIVE MEASURES</b>	
PERSONAL PROTECTIVE EQUIPMENT	EYES: Safety goggles if applied by spray..
	GLOVES: Suggested.
	CLOTHING: Regular.
	RESPIRATORY: No special equipment required.
ENGINEERING CONTROLS (VENTILATION, ETC.)	Not required.
LEAK AND SPILL PROCEDURE	Wet material: Scrape up to disposal containers. Wash with water. Dry material: Scrape off heavy deposit. Remove with low hazard solvents.
WASTE DISPOSAL	Approved incineration or sanitary landfill as per local, provincial, state and federal regulations.
HANDLING PROCEDURES	Normal.
STORAGE REQUIREMENTS	Protect from freezing.
SHIPPING INFORMATION	Protect from freezing.

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