

# HENRY COMPANY CANADA INC.

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**EMERGENCY TEL. NO.:** (519) 882-2300

## MATERIAL SAFETY DATA SHEET

**WHMIS:** Not Controlled

I - PRODUCT INFORMATION	
PRODUCT NAME	BAKOR LOW SLOPE ONE PLY, LOW SLOPE TWO PLY
PRODUCT TYPE	SHEET MEMBRANE ROLL FORM
PRODUCT USE	SELF-ADHERED GRANULATED ROOFING MEMBRANE

II - HAZARDOUS INGREDIENTS				
INGREDIENTS	%	CAS #	EXPOSURE LIMITS	LD50/LC50(SPECIES & ROUTE)
PETROLEUM ASPHALT	30 - 60 %	8052-42-4	5 mg/m <sup>3</sup> OSHA PEL (fumes)	Not Available
SILICA SAND (Lo Slope Two Ply Only)	5 - 10%	14808-60-7	0.1 mg/m <sup>3</sup> (ACGIH TLV) (respirable dust)	Not Applicable

III - PHYSICAL DATA			
PHYSICAL STATE <input type="checkbox"/> GAS <input type="checkbox"/> LIQUID <input checked="" type="checkbox"/> SOLID	ODOR & APPEARANCE - slight petroleum odor Granular surface.		ODOR THRESHOLD (PPM) Not available
VOLATILE (VOL.) 0%	VAPOR PRESSURE (mm Hg) Not applicable	VAPOR DENSITY (AIR = 1) Not applicable	EVAPORATION RATE (BuAc=1) Not applicable
BOILING POINT (°C) Initial : 370 °C	FREEZING POINT (°C) Not applicable	SPEC. GRAVITY (WATER - 1) 1.0 - 1.1	DENSITY (g / ml) 1.0 - 1.1
SOLUBILITY (IN WATER) INSOLUBLE		COEF. OF WATER/OIL DIST. Not available	pH Not applicable

IV - FIRE & EXPLOSION HAZARD		
FLAMMABILITY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONDITIONS OF FLAMMABILITY Not Applicable	
FLASH POINT (°C): 204°C Min. METHOD: COC	FLAMMABLE LIMITS (% VOLUME) LOWER: N/A      UPPER: N/A	AUTO-IGNITION TEMP. (°C) 370 - 480 °C
TDG FLAMMABILITY CLASS NOT REGULATED	SENSITIVITY TO MECHANICAL IMPACT NONE	SENSITIVITY TO STATIC DISCHARGE: None
HAZARDOUS COMBUSTION PRODUCTS	Primary combustion products are carbon monoxide, carbon dioxide, sulfur oxides and hydrogen sulfide. Other undetermined hydrocarbon fractions could be released in small quantities.	
MEANS OF EXTINCTION	Water fog, foam, Co2 or dry chemical.	
SPEC. FIRE FIGHTING PROCEDURES	Use water spray to cool fire-exposed containers. Do not point solid water directly into burning asphalt to prevent spreading. Self-contained equipment and full protective clothing should be worn when fumes or smoke are present.	

V - PREPARATION OF M.S.D.S.		
PREPARED BY: WHMIS Group	PHONE NUMBER (519) 882-2300	DATE Apr-06

<b>VI - REACTIVITY DATA</b>		BAKOR LOW SLOPE ONE PLY, LOW SLOPE TWO PLY
CHEMICAL [ X ] YES STABILITY [ ] NO	CONDITIONS TO AVOID: Not Applicable	
INCOMPATIBILITY (SUBSTANCE TO AVOID)	Strong oxidizing agents may ignite the product.	
CONDITIONS OF REACTIVITY	Hot asphalt may splatter on contact with water.	
HAZARDOUS DECOMPOSITION PRODUCTS	Silica will dissolve in hydrofluoric acid and produce a corrosive gas.	

<b>VII - TOXICOLOGICAL PROPERTIES</b>			
THRESHOLD LIMIT VALUE 0.1 mg/m <sup>3</sup> for respirable silica sand (ACGIH-TLV)		LC50/LD50 (estimated) LD50 (oral-rat) = 5 g/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	Product not a problem in normal use.		
EFFECTS OF CHRONIC EXPOSURE	Long-term skin contact can result in irritation, dermatitis and increased sensitivity to sun. Prolonged exposure to respirable silica dust may cause delayed lung injury.(silicosis)		
IRRITANCY	Fumes can be irritant to eyes and respiratory tract.	SENSITIZATION-After prolonged exposure to fumes	SYNERGISTIC MATERIALS not available
<input type="checkbox"/> CARCINOGENICITY	<input type="checkbox"/> REPRODUCTIVE EFFECTS	<input type="checkbox"/> TERATOGENICITY	<input type="checkbox"/> MUTAGENICITY
no evidence that bitumen's are carcinogenic to humans			

<b>VIII - FIRST AID MEASURES</b>	
SKIN	For cold product wash skin with soap and water.
EYES	Flush eyes thoroughly with plenty of lukewarm water. Get medical attention.
INHALATION	Remove victim to fresh air. If irritation persists, administer oxygen and get medical attention.
INGESTION	Ingestion is unlikely but if it happens do not induce vomiting. In general, no treatment is necessary unless large quantities are ingested, get medical advice.

<b>IX - PREVENTIVE MEASURES</b>	
PERSONAL PROTECTIVE EQUIPMENT	EYES: Safety glasses recommended.
	GLOVES: Work gloves (loose), gauntlet style.
	CLOTHING: Long sleeved clothing recommended
	RESPIRATORY Dust respirator if sweeping sand surface.
ENGINEERING CONTROLS (VENTILATION, ETC.)	None
LEAK AND SPILL PROCEDURE	If product has been heated and released from solid form allow to cool and solidify. Break up and recover. Scoop into drums. Use dust suppressant if sweeping sand as per local regulations.
WASTE DISPOSAL	Bury in an approved landfill or burn in an improved incinerator as per local regulations.
HANDLING PROCEDURES	Keep material dry.Wood pallet and/or packaging should not be solely relied upon for safety when handling or hoisting material. Use proper equipment, hoisting and rigging techniques to stabilize material and follow all applicable construction safety guidelines and regulations when handling or hoisting material.
STORAGE REQUIREMENTS	Store in a dry, cool area protected from sun.
SHIPPING INFORMATION	None

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