

# HENRY COMPANY CANADA INC.

380 Tank Street, Petrolia, ON, N0N 1R0  
Tel.:(519) 882-2300 Fax:(519) 882-2222

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

## MATERIAL SAFETY DATA SHEET

WHMIS: Not Controlled

I - PRODUCT INFORMATION			
PRODUCT NAME	BAKOR SBS MODIFIED PLUS ROOFING MEMBRANES	<b>BASE SHEETS</b> G100s/s,p/s,p/p NP180s/s,p/s,p/p Base s/s	<b>CAP SHEETS</b> G100 GM(T) NP170GM(T) NP180GM(T) Thermoseal NP250GM(T)
PRODUCT TYPE	SHEET MEMBRANE ROLL FORM		
PRODUCT USE	WATERPROOFING MEMBRANES FOR FLAT ROOFS, WALLS AND FOUNDATIONS		

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 ( Base sheets (s) (Cap Sheets (M))	10 -30 % 5 - 10%	14808-60-7	0.1 mg/m <sup>3</sup> (ACGIH TLV) (respirable dust)	Not Applicable

III - PHYSICAL DATA			
PHYSICAL <input type="checkbox"/> GAS STATE <input type="checkbox"/> LIQUID <input checked="" type="checkbox"/> SOLID	ODOR & APPEARANCE - covered with granules, sand or polypropylene film	slight petroleum odor	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) 1.1 - 1.2	DENSITY (g / ml) 1.1 - 1.2
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 breathing apparatus 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 SBS Modified Plus Roofing Membranes	
CHEMICAL <input checked="" type="checkbox"/> YES STABILITY <input type="checkbox"/> 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 DECOMPOS- ITION 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>	5 mg/m <sup>3</sup> (OSHA PEL) for asphalt fumes. for respirable silica sand (ACGIH-TLV)	LC50/LD50 (estimated)	Not Available
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. If burning inhalation of fumes can cause nausea, headache and dizziness. Hot asphalt burns skin and eyes		
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. For hot product quench burns with cold water and cover with sterile dressing, DO NOT TRY TO REMOVE PRODUCT and move victim to hospital.
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: Not required unless torching in confined spaces. Use dust respirator if sweeping sanded surfaces.
ENGINEERING CONTROLS (VENTILATION, ETC.)	Exhaust ventilation required in confined spaces. Outdoor use avoid fumes by working upwind.
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	Take necessary precautions when handling hot material. 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	None
SHIPPING INFORMATION	None

While Henry Company Canada Inc. believes that the data contained herein are factual & opinions expressed are those of qualified experts regarding the results of the tests conducted, the data is not to be taken as warranty or representation for which Henry Company Canada Inc. assumes legal responsibility. These are offered solely for your consideration, investigation and verification. Any use of this data and information must be determined by the user to be in accordance with federal, provincial or municipal laws and regulations.