

HENRY COMPANY CANADA INC.

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MATERIAL SAFETY DATA SHEET

WHMIS: B-3, D-2B

I - PRODUCT INFORMATION

PRODUCT NAME	Bakor Thermostik 830-22A
PRODUCT TYPE	Rubber/Resin solvent based adhesive
PRODUCT USE	Roof adhesive for polystyrene foam insulation

II - HAZARDOUS INGREDIENTS

INGREDIENTS	%	CAS #	EXPOSURE LIMITS	LD50/LC50(SPECIES & ROUTE)
Naphtha, Petroleum	10-30	64742-48-9	175 ppm TWA	Not available

III - PHYSICAL DATA

PHYSICAL STATE <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID <input type="checkbox"/> SOLID	ODOUR & APPEARANCE Cream liquid with petroleum odour	ODOUR THRESHOLD (ppm) Not available	
VOLATILE (VOL.) VOC 36-42% < 275 g/L	VAPOUR PRESSURE (mm Hg) Approx 1 @ 20°C	VAPOUR DENSITY (AIR = 1) 5.4	EVAPORATION RATE (BuAc=1) 5.4
BOILING POINT (°C) Initial: 177°C	FREEZING POINT (°C) Not Applicable	SPEC. GRAVITY (WATER - 1) 1.15 - 1.25	DENSITY (g / ml) 1.15 - 1.25
SOLUBILITY (IN WATER) Insoluble	COEF. OF WATER/OIL DIST. Not available	pH Not Applicable	

IV - FIRE & EXPLOSION HAZARD

FLAMMABILITY <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	CONDITIONS OF FLAMMABILITY Avoid heat and open flames.	
FLASH POINT (°C): 55 °C METHOD: TCC	FLAMMABLE LIMITS (% VOLUME) LOWER: 1.2 UPPER: 9.3	AUTO-IGNITION TEMP. (°C) 349 °C for solvent portion
TDG FLAMMABILITY CLASS Class 3, PG III	SENSITIVITY TO MECHANICAL IMPACT None	SENSITIVITY TO STATIC DISCHARGE If product above flash point
HAZARDOUS COMBUSTION PRODUCTS	On burning (dry film), some SO ₂ and traces of CO. Main combustion products are H ₂ O, CO ₂ and C (as heavy smoke).	
MEANS OF EXTINCTION	Foam, carbon dioxide, dry chemicals, water spray (for small fires).	
SPEC. FIRE FIGHTING PROCEDURES	Contain spill. Cover with extinguishing agents. Use water spray to cool fire-exposed containers. Self-contained equipment and fullprotective 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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VI - REACTIVITY DATA		Bakor Thermostik 830-22A
CHEMICAL [X] YES STABILITY [] NO	CONDITIONS TO AVOID: Sources of ignition, excessive heat approaching flash point.	
INCOMPATIBILITY (SUBSTANCE TO AVOID)	Strong oxidizing agents may ignite the product.	
CONDITIONS OF REACTIVITY	Not applicable.	
HAZARDOUS DECOMPOSITION PRODUCTS	Will not decompose under normal conditions of handling or warehousing.	

VII - TOXICOLOGICAL PROPERTIES			
THRESHOLD LIMIT VALUE 175 ppm TWA		LC50/LD50 (estimated) Not available	
ROUTE OF ENTRY	[] SKIN CONTACT [] SKIN ABS. [x] EYES [x] INGESTION [x] INHALATION		
EFFECTS OF ACUTE EXPOSURE	Excessive inhalation of vapours can cause headache, dizziness, nausea and unconsciousness. Will cause gastro-intestinal problems if ingested in large quantity.		
EFFECTS OF CHRONIC EXPOSURE	Prolonged or repeated contact with skin will cause irritation, defatting, dermatitis. Vapours may also irritate eyes, nose and throat.		
IRRITANCY	Skin irritancy after prolonged or repeated contacts.	SENSITIZATION Not available	SYNERGISTIC MATERIALS Not available
[] CARCINOGENICITY	[] REPRODUCTIVE EFFECTS	[] TERATOGENICITY	[] MUTAGENICITY
Product not believed to cause any of these effects.			

VIII - FIRST AID MEASURES	
SKIN	Thoroughly wash exposed areas with soap and water or waterless hand cleaner.
EYES	Flush eyes thoroughly with plenty of lukewarm water. Get medical attention.
INHALATION	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
INGESTION	DO NOT INDUCE VOMITING. If vomiting, take care to prevent aspiration into lungs. Keep person warm, quiet and get medical attention.

IX - PREVENTIVE MEASURES	
PERSONAL PROTECTIVE EQUIPMENT	EYES: Not required.
	GLOVES: Suggested, non-porous solvent resistant type.
	CLOTHING: Regular
	RESPIRATORY: Approved organic vapour mask in confined areas.
ENGINEERING CONTROLS (VENTILATION, ETC.)	Exhaust ventilation required in confined areas to maintain TLV.
LEAK AND SPILL PROCEDURE	Avoid breathing fumes and contact with skin and eyes. Avoid all sources of ignition. Contain spill with sand or earth. Remove to disposal containers.
WASTE DISPOSAL	Approved incineration or sanitary landfill as per local, provincial, state and federal regulations.
HANDLING PROCEDURES	Normal.
STORAGE REQUIREMENTS	Avoid excessive heat.
SHIPPING INFORMATION	TDG regulations not applicable for shipments by road vehicle of 450L or less. UN1133 ADHESIVES Class 3; PG III.

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