

HENRY COMPANY CANADA INC.

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MATERIAL SAFETY DATA SHEET

WHMIS: D-1B, D-2A, D-2B

I - PRODUCT INFORMATION

PRODUCT NAME	Bakor Thermostik 880-33
PRODUCT TYPE	Rubber/Resin Based Adhesive
PRODUCT USE	Adhesive for Insulation

II - HAZARDOUS INGREDIENTS

INGREDIENTS	%	CAS #	EXPOSURE LIMITS	LD50/LC50(SPECIES & ROUTE)
Trichloroethylene	30-60	79-01-6	100 ppm STEL (ACGIH) 50 ppm TLV-TWA (ACGIH)	LD50 (oral-rat) > 5650 mg/kg LD50 (oral-mouse) > 2402 mg/kg LC50(inhal-mouse)>8450ppm/4hrs

III - PHYSICAL DATA

PHYSICAL STATE <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID <input type="checkbox"/> SOLID	ODOUR & APPEARANCE Black liquid with chlorinated solvent odour.	ODOUR THRESHOLD (ppm) Not available	
VOLATILE (VOL.) VOC 49 - 54% < 700 g/L	VAPOUR PRESSURE (mm Hg) 58 at 20°C	VAPOUR DENSITY (AIR = 1) 4.54	EVAPORATION RATE (BuAc=1) Approx. 3
BOILING POINT (°C) Approx. 86 °C	FREEZING POINT (°C) Not applicable	SPEC. GRAVITY (WATER - 1) 1.3 - 1.4	DENSITY (g / ml) 1.3 - 1.4
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): None METHOD: ----	FLAMMABLE LIMITS (% VOLUME) LOWER: 8 UPPER: 52	AUTO-IGNITION TEMP. (°C) Not available
TDG CLASS Class 6.1	SENSITIVITY TO MECHANICAL IMPACT None	SENSITIVITY TO STATIC DISCHARGE None
HAZARDOUS COMBUSTION PRODUCTS	Exposure to flames or fire may cause thermal degradation with evolution of hydrogen chloride, phosgene and chlorine.	
MEANS OF EXTINCTION	Non-flammable as supplied.	
SPEC. FIRE FIGHTING PROCEDURES	Self-contained respiratory equipment when product is exposed to flames or fire as it will emit very toxic fumes on thermal degradation.	

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 880-33
CHEMICAL STABILITY <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	CONDITIONS TO AVOID: Very high temperatures such as fire, flames, etc. Toxic gas will be evolved.	
INCOMPATIBILITY (SUBSTANCE TO AVOID)	Alkali metals, strong bases, strong oxidizing agents, strong reducing agents, chemically active metals, copper, aluminum powder, aluminum chloride, potassium nitrate.	
CONDITIONS OF REACTIVITY	Not reactive under normal conditions of use.	
HAZARDOUS DECOMPOSITION PRODUCTS	If exposed to very high temperatures, thermal decomposition will give off hydrogen chloride, phosgene and chlorine.	

VII - TOXICOLOGICAL PROPERTIES			
THRESHOLD LIMIT VALUE	50 ppm TLV-TWA	LC50/LD50 (estimated)	LD50 (oral-mouse) > 2402 mg/kg LC50(inhal-mouse)>8450ppm/4hrs
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	Exposure may cause irritation, lachrymation and burning of the eyes. Irritation of nose and throat. There may be vomiting, nausea, drowsiness, alcoholic-like intoxication, etc. Vapours are primarily a central nervous system depressant.		
EFFECTS OF CHRONIC EXPOSURE	Prolonged or repeated contact with skin will cause irritation, defatting, dermatitis.		
IRRITANCY	After prolonged or frequently repeated contacts.	SENSITIZATION	Not available
SYNERGISTIC MATERIALS	Not available		
<input type="checkbox"/> CARCINOGENICITY	<input type="checkbox"/> REPRODUCTIVE EFFECTS	<input type="checkbox"/> TERATOGENICITY	<input checked="" type="checkbox"/> MUTAGENICITY
Mutagenicity: Positive results have been obtained in the somatic cells of animals. Not suspected as a human carcinogen (A5 - ACGIH)			

VIII - FIRST AID MEASURES	
SKIN	Wash with soap and water. Get medical attention if irritation or injury occurs.
EYES	Flush eyes thoroughly with plenty of lukewarm water. Get medical attention immediately.
INHALATION	Remove victim to fresh air. Administer artificial respiration if breathing has stopped, administer oxygen. Consult a physician immediately.
INGESTION	DO NOT INDUCE VOMITING. If vomiting occurs, take care to prevent aspiration into lungs. Obtain medical attention immediately.

IX - PREVENTIVE MEASURES	
PERSONAL PROTECTIVE EQUIPMENT	EYES: Goggles.
	GLOVES: Required solvent resistant type.
	CLOTHING: Overalls
	RESPIRATORY: Use approved, organic vapour mask in confined areas or if applied by spray.
ENGINEERING CONTROLS (VENTILATION, ETC.)	Ventilation required in confined areas. Local exhaust, if necessary, to maintain TLV.
LEAK AND SPILL PROCEDURE	Use proper protective equipment. Provide adequate ventilation. Scrape up to disposal containers, clean with low hazard solvents.
WASTE DISPOSAL	If material is spread out to allow evaporation of solvents, residue may be disposed of in sanitary landfill. DO NOT INCINERATE.
HANDLING PROCEDURES	Keep containers closed when not in use.
STORAGE REQUIREMENTS	Avoid high temperature. Keep away from incompatible materials.
SHIPPING INFORMATION	Toxic liquid, Organic, N.O.S. (trichloroethylene), UN2810, Class 6.1, PG III Do not ship with food products.

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