

HENRY COMPANY CANADA INC.

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MATERIAL SAFETY DATA SHEET

WHMIS: B-3, D-2B

I - PRODUCT INFORMATION

PRODUCT NAME	Bakor 860-09
PRODUCT TYPE	Resin/Solvent Aluminum Paint
PRODUCT USE	Used as a decorative and reflective finish.

II - HAZARDOUS INGREDIENTS

INGREDIENTS	%	CAS #	EXPOSURE LIMITS	LD50/LC50(SPECIES & ROUTE)
Stoddard Solvent	15-40	8052-41-3	100 ppm, TLV	LD50(oral-rat) > 5000 mg/kg LC50(inhal.-rat) > 5g/m3
Naphtha solvent, light aromatic	15-40	64742-95-6	50 ppm (245 mg/m3) 8 hour workday	LD50(oral-rat) > 4700 mg/kg LC50(inhal.-rat) >1400 ppm
Aluminum Flakes	7-13	7429-90-5	10 mg/m3 respirable dust	Not available

III - PHYSICAL DATA

PHYSICAL <input type="checkbox"/> GAS STATE <input checked="" type="checkbox"/> LIQUID <input type="checkbox"/> SOLID	ODOUR & APPEARANCE Aluminum coloured, low viscosity liquid with petroleum odour.	ODOUR THRESHOLD (ppm) Not available	
VOLATILE (VOL.) VOC 67-71% < 650 g/L	VAPOUR PRESSURE (mm Hg) 7-10 at 38°C	VAPOUR DENSITY (AIR = 1) 3.5-4.5	EVAPORATION RATE (BuAc=1) 0.05-0.20
BOILING POINT (°C) 150 - 200°C	FREEZING POINT (°C) Not applicable	SPEC. GRAVITY (WATER - 1) 0.92	DENSITY (g / ml) 0.92
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 excessive heat and open flames.	
FLASH POINT (°C): 40°C METHOD: TCC	FLAMMABLE LIMITS (% VOLUME) LOWER: 1.0 UPPER: 6.0	AUTO-IGNITION TEMP. (°C) 245°C for solvent
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 some SO2 and traces of CO. Main combustion products are H2O, CO2 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 full protective 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 860-09
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	None.	
HAZARDOUS DECOMPOSITION PRODUCTS	Will not decompose under normal conditions of handling and warehousing.	

VII - TOXICOLOGICAL PROPERTIES			
THRESHOLD LIMIT VALUE 50 ppm for 8 hour workday		LC50/LD50 (estimated)	LD50(oral-rat) > 4700 mg/kg LC50(inhal.-rat) >1400 ppm
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	Can cause moderate irritation to eyes, tearing, burning sensations, redness and inflammation. Inhalation may cause irritation to the throat and skin contact may cause some irritation. Ingestion of large quantities of the product may result in adverse health effects.		
EFFECTS OF CHRONIC EXPOSURE	Prolonged inhalation may cause coughing, lost of breath, dizziness and intoxication. Repeated contacts with the skin may cause dermatitis and allergic reactions in susceptible people.		
IRRITANCY	Irritancy for the eyes, skin and respiratory tract.	SENSITIZATION	Not available
SYNERGISTIC MATERIALS		Not available	
<input type="checkbox"/> CARCINOGENICITY	<input type="checkbox"/> REPRODUCTIVE EFFECTS	<input type="checkbox"/> TERATOGENICITY	<input type="checkbox"/> MUTAGENICITY
Not believed to cause any of these effects.			

VIII - FIRST AID MEASURES	
SKIN	Thoroughly wash exposed areas with waterless cleaner or soap and water.
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	<u>DO NOT INDUCE VOMITING.</u> If vomiting occurs, take care to prevent aspiration into lungs. Keep person warm, quiet and get medical attention immediately.

IX - PREVENTIVE MEASURES	
PERSONAL PROTECTIVE EQUIPMENT	EYES: Goggles if applied by spray.
	GLOVES: Rubber or chemically resistant plastic.
	CLOTHING: Apron or clothes resistant to chemicals.
	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	Avoid breathing fumes and contact with skin and eyes. Avoid sources of ignition. Contain with absorbent solids such as sand, earth, etc. Transfer into disposable containers.
WASTE DISPOSAL	Bury in approved landfill or burn in approved incinerator as per state, federal and provincial regulations.
HANDLING PROCEDURES	Handle with care.
STORAGE REQUIREMENTS	Store in cool, well ventilated areas. Keep away from ignition sources.
SHIPPING INFORMATION	TDG regulations not applicable for shipments on a road vehicle, a railway vehicle or a ship on a domestic voyage if shipped in means of containment of 450L or less. Coating Solution; UN1139; Class3, Packing Group III.

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