

HENRY COMPANY CANADA INC.

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MATERIAL SAFETY DATA SHEET

WHMIS: D-2B

I - PRODUCT INFORMATION

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|--------------|----------------------------|
| PRODUCT NAME | Bakor Air-Bloc 33 |
| PRODUCT TYPE | Acrylic Copolymer Emulsion |
| PRODUCT USE | Fire resistive coating |

II - HAZARDOUS INGREDIENTS

| INGREDIENTS | % | CAS # | EXPOSURE LIMITS | LD50/LC50(SPECIES & ROUTE) |
|-----------------------------------|---------|----------|-------------------------------|---|
| Ethylene Glycol | 1-5 | 107-21-1 | 50 ppm TLV (vapour, ACGIH) | LD50 (oral-rat) > 4700 mg/kg LD50 (dermal-rabbit) > 9530 mg/kg |
| Diethylene Glycol Monobutyl Ether | 0.5-1.5 | 112-34-5 | ----- | LD50(oral-rabbit)>2200 mg/kg |

III - PHYSICAL DATA

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|--|---|---|---|
| PHYSICAL STATE <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID <input type="checkbox"/> SOLID | ODOUR & APPEARANCE Black, high viscosity fibrous liquid. | ODOUR THRESHOLD (ppm) Not available | |
| VOLATILE (VOL.) VOC 35% < 100 g/L | VAPOUR PRESSURE (mm Hg) As for water | VAPOUR DENSITY (AIR = 1) As for water | EVAPORATION RATE (BuAc=1) As for water |
| BOILING POINT (°C) Approx. 100°C | FREEZING POINT (°C) Approx. 0°C | SPEC. GRAVITY (WATER - 1) 1.3-1.4 | DENSITY (g / ml) 1.3-1.4 |
| SOLUBILITY (IN WATER) | Miscible in water as supplied Insoluble when dry. | COEF. OF WATER/OIL DIST. Not available | pH 7-9 |

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: None UPPER: None | AUTO-IGNITION TEMP. (°C) None |
| TDG FLAMMABILITY CLASS Not regulated | SENSITIVITY TO MECHANICAL IMPACT None | SENSITIVITY TO STATIC DISCHARGE None |
| HAZARDOUS COMBUSTION PRODUCTS | Main combustion products are H2O, CO2 and C (as heavy smoke). | |
| MEANS OF EXTINCTION | Water, foam. | |
| SPEC. FIRE FIGHTING PROCEDURES | Not applicable | |

V - PREPARATION OF M.S.D.S.

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|-----------------------------|--------------------------------|------------------|
| PREPARED BY: WHMIS Group | PHONE NUMBER (514) 364-5224 | DATE May 2006 |
|-----------------------------|--------------------------------|------------------|

| VI - REACTIVITY DATA | | Bakor Air-Bloc 33 |
|---|--|-------------------|
| CHEMICAL [X] YES STABILITY [] NO | CONDITIONS TO AVOID: Not applicable. | |
| INCOMPATIBILITY (SUBSTANCE TO AVOID) | Materials that react with water. | |
| CONDITIONS OF REACTIVITY | Not applicable. | |
| HAZARDOUS DECOMPOSITION PRODUCTS | Will not decompose under normal conditions of handling or warehousing. | |

| VII - TOXICOLOGICAL PROPERTIES | | | |
|---|---|---|---------------------------------------|
| THRESHOLD LIMIT VALUE 50 ppm | LC50/LD50 (estimated) | LD50(oral-rabbit)>2200 mg/kg LD50 (dermal-rabbit) > 9530 mg/kg | |
| ROUTE OF ENTRY | <input type="checkbox"/> SKIN CONTACT <input type="checkbox"/> SKIN ABS. <input checked="" type="checkbox"/> EYES <input checked="" type="checkbox"/> INGESTION <input type="checkbox"/> INHALATION | | |
| EFFECTS OF ACUTE EXPOSURE | Not known but product could probably cause eye irritation if not washed immediately. Could also cause gastro-intestinal problems if ingested in large quantity. | | |
| EFFECTS OF CHRONIC EXPOSURE | Not known | | |
| IRRITANCY Not known | SENSITIZATION Not known | SYNERGISTIC MATERIALS Not known. | |
| <input type="checkbox"/> CARCINOGENICITY | <input type="checkbox"/> REPRODUCTIVE EFFECTS | <input type="checkbox"/> TERATOGENICITY | <input type="checkbox"/> MUTAGENICITY |
| Product not believed to cause any of these effects. | | | |

| VIII - FIRST AID MEASURES | |
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| SKIN | Thoroughly wash with soap and water. |
| EYES | Flush eyes thoroughly with plenty of lukewarm water. Get medical attention if needed.. |
| INHALATION | Should not cause problems. |
| INGESTION | If victim is conscious, give two glasses of water to drink and induce vomiting. Obtain medical attention. |

| IX - PREVENTIVE MEASURES | |
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| PERSONAL PROTECTIVE EQUIPMENT | EYES: Safety goggles if applied by spray.. |
| | GLOVES: Suggested. |
| | CLOTHING: Regular. |
| | RESPIRATORY: No special equipment required. |
| ENGINEERING CONTROLS (VENTILATION, ETC.) | Not required. |
| LEAK AND SPILL PROCEDURE | Wet material: Scrape up to disposal containers. Wash with water. Dry material: Scrape off heavy deposit. Wash off with paint strippers. |
| WASTE DISPOSAL | Approved incineration or sanitary landfill as per local, provincial, state and federal regulations. |
| HANDLING PROCEDURES | Normal. |
| STORAGE REQUIREMENTS | Protect from freezing. |
| SHIPPING INFORMATION | Protect from freezing. |

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