



MATERIAL SAFETY DATA SHEET

BK007S - BAKOR AIR BLOC 07

1. Product And Company Identification	
<u>Supplier</u> HENRY COMPANY 909 N. Sepulveda Blvd., Suite 650 El Segundo, CA 90245-2724 Company Contact: Technical Services Telephone Number: (800) 486-1278 Web Site: www.henry.com www.bakor.com	<u>Manufacturer</u> HENRY COMPANY 909 N. Sepulveda Blvd., Suite 650 El Segundo, CA 90245-2724 Company Contact: Technical Services Telephone Number: (800) 486-1278 Web Site: www.henry.com www.bakor.com
<u>Supplier Emergency Contacts & Phone Number</u> CHEMTREC: (800) 424-9300 CHEMTREC: (703) 527-3887 CANUTEC: (613) 996-6666	<u>Manufacturer Emergency Contacts & Phone Number</u> CHEMTREC: (800) 424-9300 CHEMTREC: (703) 527-3887 CANUTEC: (613) 996-6666
Issue Date: 07/31/2011 Product Name: BK007S - BAKOR AIR BLOC 07 Product Code: BK007S <u>Product/Material Uses</u> Air barrier membrane	

2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
petroleum asphalt	8052-42-4		20 - 40
bentonite	1302-78-9		1 - 5
calcium carbonate	1317-65-3		5 - 15
cellulose fiber	9004-34-6		10 - 20
ethylene glycol	107-21-1		1 - 5
rubber compounds	NA - Mixture		5 - 15
silica, quartz	14808-60-7		0.1 - 1
stoddard solvent	8052-41-3		15 - 25

EMERGENCY OVERVIEW	
CAUTION! Combustible Liquid. Central nervous system depressant. Vapor may cause light-headedness, headache, nausea, loss of coordination and respiratory tract irritation.	
Appearance/Odor: Black liquid, petroleum odor	

3. Hazards Identification
<u>Primary Routes(s) Of Entry</u> Inhalation
<u>Eye Hazards</u> May cause eye irritation (burning, tearing, redness or swelling).



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<p>3. Hazards Identification - Continued</p> <p>Skin Hazards May cause skin irritation and contact dermatitis upon prolonged contact.</p> <p>Ingestion Hazards May be harmful if swallowed. May cause gastric distress, vomiting and diarrhea.</p> <p>Inhalation Hazards Exposure to vapors may cause respiratory tract irritation. Inhalation of vapors or mists may cause central nervous system depression, light-headedness, headache, nausea and loss of coordination.</p> <p>Chronic/Carcinogenicity Effects This product or one of its ingredients present at 0.1% or more is listed as a carcinogen by NTP, IARC or OSHA. See Section 11 (Toxicological Information) for more details.</p>
<p>4. First Aid Measures</p> <p>Eye In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately if irritation develops and persists.</p> <p>Skin Remove contaminated clothing and shoes. Wash affected areas with soap and water.</p> <p>Ingestion Get medical attention immediately. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious victim. Call a physician or poison control center immediately.</p> <p>Inhalation Remove the person from the contaminated area to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately.</p>
<p>5. Fire Fighting Measures</p> <p>Flash Point: 109.4 °F 43 °C Flash Point Method: PMCC Autoignition Point: 473 °F 245 °C Flammability Class: combustible liquid Lower Explosive Limit: 1.0 Upper Explosive Limit: 7.0</p> <p>Fire And Explosion Hazards During a fire, toxic and irritating gases may be generated, including 1-3 butadiene, styrene monomer, carbon dioxide, carbon monoxide and sulfur dioxide.</p> <p>Extinguishing Media Chemical foam, carbon dioxide (CO2), water fog or dry chemical.</p> <p>Fire Fighting Instructions Firefighters should wear self-contained breathing apparatus and full protective gear.</p>
<p>6. Accidental Release Measures</p> <p>Avoid runoff to waterways and sewers. Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Collect and dispose of in accordance with applicable regulations.</p>



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BK007S - BAKOR AIR BLOC 07

7. Handling And Storage

Handling And Storage Precautions

Keep containers tightly closed. Store in a cool, dry, well-ventilated area. Do not handle or store near strong oxidizers, sparks, heat or open flame.

8. Exposure Controls/Personal Protection

Engineering Controls

Use with adequate general and local exhaust ventilation. When used outdoors, stay well away from building air intakes or close and seal the intakes to prevent product from entering building.

Eye/Face Protection

Safety glasses with side shields or goggles recommended.

Skin Protection

Use with chemical-protective gloves to prevent skin contact.

Respiratory Protection

Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.

The level of respiratory protection needed should be based on the evaluation of chemical exposures by a health or safety professional. If required, use a NIOSH-approved air purifying respirator with organic vapor cartridge and particulate filter or supplied air respirator.

Occupational Exposure Limits for individual ingredients (if available) are listed below.

Ingredient(s) - Exposure Limits

petroleum asphalt

OSHA PEL-TWA 5mg/m3

ACGIH TLV-TWA 0.5mg/m3 (Benzene soluble aerosol)

bentonite

ACGIH TLV-TWA 10 mg/m3 (total dust)

ACGIH TLV-TWA 3 mg/m3 (respirable dust)

OSHA PEL-TWA 15 mg/m3 (total dust)

OSHA PEL-TWA 5 mg/m3 (respirable dust)

cellulose fiber

ACGIH TLV-TWA 10 mg/m3

ethylene glycol

ACGIH TLV-CEILING 100 mg/m3

silica, quartz

ACGIH TLV-TWA 0.025 mg/m3

OSHA PEL-TWA 30mg/m3 / (%SiO2+2) (total dust)

OSHA PEL-TWA 10 mg/m3/ (%SiO2+2) (respirable dust)

stoddard solvent

ACGIH TLV-TWA 100 ppm

OSHA PEL-TWA 500 ppm

9. Physical And Chemical Properties

Appearance

Black liquid

Odor

Petroleum odor

Chemical Type: Mixture



BK007S - BAKOR AIR BLOC 07


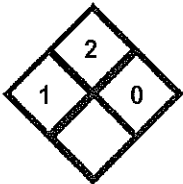
<p>9. Physical And Chemical Properties - Continued</p> <p>Odor - Continued Physical State: Liquid Boiling Point: 284-392 °F 140-200 °C Specific Gravity: 1.0 Percent Volatiles: ~30% Vapor Pressure: 5-15@38°C Vapor Density: 3.9-4.5 pH Factor: not applicable Solubility: insoluble in water Evaporation Rate: 0.10-0.20</p>
<p>10. Stability And Reactivity</p> <p>Stability: stable Hazardous Polymerization: not expected to occur</p> <p>Conditions To Avoid (Stability) Keep away from ignition sources, heat, sparks and flames.</p> <p>Incompatible Materials Avoid contact with strong oxidizing agents.</p> <p>Hazardous Decomposition Products Toxic and irritating gases, vapors or fumes, carbon monoxide (CO), carbon dioxide (CO2).</p>
<p>11. Toxicological Information</p> <p>Chronic/Carcinogenicity IARC has concluded that the following chemicals in this product are carcinogenic to humans (Group 1): silica, quartz ACGIH has designated the following chemicals in this product as suspected human carcinogens (A2): silica, quartz NTP has listed the following chemicals in this product as known human carcinogens: silica, quartz</p> <p>Risk of cancer depends on duration and level of exposure to this product as a dust or aerosol mist.</p> <p>Miscellaneous Toxicological Information Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.</p> <p>Ingredient(s) - Carcinogenicity silica, quartz NTP - Listed On The National Toxicology Program Listed In The IARC Monographs</p> <p>Ingredient(s) - Toxicological Data calcium carbonate LD50 (oral-rat) : 6450 mg/kg cellulose fiber LD50 (oral, rat): >2000 mg/kg LC50 (rat): >5800 mg/m3 (4-hour exposure) ethylene glycol LD50 (oral, rat): 5.89 g/kg LD50 (dermal, rabbit): 9.5 g/kg silica, quartz LD50 (iv-rat) : 500 mg/kg bw/Quartz (10-200 um) stoddard solvent</p>



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<p>11. Toxicological Information - Continued</p> <p><u>Ingredient(s) - Toxicological Data - Continued</u> oral-rat LD50: >5000 mg/kg dermal-rabbit LD50: >3000 mg/kg inhal-rat LC50: >5500 mg/m3 (880 ppm) inhal-rat LC50: >1300 ppm</p>
<p>12. Ecological Information</p> <p>None identified.</p>
<p>13. Disposal Considerations</p> <p>Dispose in accordance with applicable federal, state and local government regulations.</p>
<p>14. Transport Information</p> <p>Ground or Water Domestic Voyage</p> <p>Not restricted if shipped in containers <450L (119 gallons)</p> <p>Restricted if shipped in containers >450L (119 gallons)</p> <p>US NA1993, Combustible liquid, n.o.s., (Petroleum Distillates mixture), Combustible liquid, III</p> <p>Canada UN1999, Tars liquid, 3, III</p> <p>Unless departs >flash point:</p> <p>Both UN3256, Elevated Temperature liquid, flammable, n.o.s., (Petroleum Distillates mixture), 3, III</p> <p>IMDG IMDG Code 2.3.2.5 - exempt from marking, labeling & testing of packages</p> <p>IATA UN1999, Tars liquid, 3, III</p> <p><u>DOT (Pictograms)</u></p>
<p>15. Regulatory Information</p> <p><u>U.S. Regulatory Information</u> Warning: This product contains a substance(s) known to the State of California to cause cancer.</p> <p><u>Ingredient(s) - U.S. Regulatory Information</u> ethylene glycol SARA Title III - Section 313 Form "R"/TRI Reportable Chemical</p> <p><u>Ingredient(s) - State Regulations</u> petroleum asphalt California - Proposition 65 calcium carbonate Pennsylvania - Workplace Hazard cellulose fiber Pennsylvania - Workplace Hazard</p>

15. Regulatory Information - Continued									
Ingredient(s) - State Regulations - Continued									
ethylene glycol New Jersey - Workplace Hazard New Jersey - Environmental Hazard Pennsylvania - Workplace Hazard Massachusetts - Hazardous Substance New York City - Hazardous Substance									
silica, quartz New Jersey - Workplace Hazard Pennsylvania - Workplace Hazard California - Proposition 65 Massachusetts - Hazardous Substance									
stoddard solvent New Jersey - Workplace Hazard Pennsylvania - Workplace Hazard Massachusetts - Hazardous Substance New York City - Hazardous Substance									
Canadian Regulatory Information									
This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. WHMIS Classification: B3 - Combustible Liquid, D2A - Very Toxic									
Ingredient(s) - Canadian Regulatory Information									
ethylene glycol WHMIS - Ingredient Disclosure List									
silica, quartz WHMIS - Ingredient Disclosure List									
stoddard solvent WHMIS - Ingredient Disclosure List									
WHMIS - Canada (Pictograms)									
									
NFPA 	HMIS <table border="1"> <tr> <td>HEALTH</td> <td>1</td> </tr> <tr> <td>FLAMMABILITY</td> <td>2</td> </tr> <tr> <td>REACTIVITY</td> <td>0</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td></td> </tr> </table>	HEALTH	1	FLAMMABILITY	2	REACTIVITY	0	PERSONAL PROTECTION	
HEALTH	1								
FLAMMABILITY	2								
REACTIVITY	0								
PERSONAL PROTECTION									
16. Other Information									
Revision/Preparer Information									
This MSDS Supersedes A Previous MSDS Dated: 11/10/2008									
Disclaimer									
Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the									