



# MATERIAL SAFETY DATA SHEET

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## BK007S - BAKOR AIR BLOC 07

### 1. Product And Company Identification

<b>Supplier</b> HENRY COMPANY 999 N. Sepulveda Blvd., Suite 800 El Segundo, CA 90245-2716  <b>Company Contact:</b> Technical Services <b>Telephone Number:</b> (800) 486-1278 <b>Web Site:</b> www.henry.com www.bakor.com	<b>Manufacturer</b> HENRY COMPANY 999 N. Sepulveda Blvd., Suite 800 El Segundo, CA 90245-2716  <b>Company Contact:</b> Technical Services <b>Telephone Number:</b> (800) 486-1278 <b>Web Site:</b> www.henry.com www.bakor.com
<b>Supplier Emergency Contacts &amp; Phone Number</b> CHEMTREC: (800) 424-9300 CHEMTREC: (703) 527-3887 CANUTEC: (613) 996-6666	<b>Manufacturer Emergency Contacts &amp; Phone Number</b> CHEMTREC: (800) 424-9300 CHEMTREC: (703) 527-3887 CANUTEC: (613) 996-6666

**Issue Date:** 02/10/2014

**Product Name:** BK007S - BAKOR AIR BLOC 07  
**Product Code:** BK007S

**Product/Material Uses**  
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

**Primary Route(s) Of Entry**  
Inhalation

**Eye Hazards**  
May cause eye irritation (burning, tearing, redness or swelling).

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## 3. Hazards Identification - Continued

**Skin Hazards**

May cause skin irritation and contact dermatitis upon prolonged contact.

**Ingestion Hazards**

May be harmful if swallowed. May cause gastric distress, vomiting and diarrhea.

**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.

**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.

## 4. First Aid Measures

**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.

**Skin**

Remove contaminated clothing and shoes. Wash affected areas with soap and water.

**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.

**Inhalation**

Remove the person from the contaminated area to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately.

## 5. Fire Fighting Measures

**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

**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.

**Extinguishing Media**

Chemical foam, carbon dioxide (CO<sub>2</sub>), water fog or dry chemical.

**Fire Fighting Instructions**

Firefighters should wear self-contained breathing apparatus and full protective gear.

## 6. Accidental Release Measures

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.



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<p>7. Handling And Storage</p> <p><b>Handling And Storage Precautions</b> 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.</p>
<p>8. Exposure Controls/Personal Protection</p> <p><b>Engineering Controls</b> 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.</p> <p><b>Eye/Face Protection</b> Safety glasses with side shields or goggles recommended.</p> <p><b>Skin Protection</b> Use with chemical-protective gloves to prevent skin contact.</p> <p><b>Respiratory Protection</b> Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.</p> <p>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.</p> <p>Occupational Exposure Limits for individual ingredients (if available) are listed below.</p> <p><b>Ingredient(s) - Exposure Limits</b> 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</p>
<p>9. Physical And Chemical Properties</p> <p><b>Appearance</b> Black liquid</p> <p><b>Odor</b> Petroleum odor</p> <p><b>Chemical Type:</b> Mixture</p>



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9. Physical And Chemical Properties - Continued

**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

10. Stability And Reactivity

**Stability:** stable  
**Hazardous Polymerization:** not expected to occur  
**Conditions To Avoid (Stability)**  
Keep away from ignition sources, heat, sparks and flames.

**Incompatible Materials**  
Avoid contact with strong oxidizing agents.

**Hazardous Decomposition Products**  
Toxic and irritating gases, vapors or fumes, carbon monoxide (CO), carbon dioxide (CO2).

11. Toxicological Information

**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


Risk of cancer depends on duration and level of exposure to this product as a dust or aerosol mist.

**Miscellaneous Toxicological Information**  
Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.

**Ingredient(s) - Carcinogenicity**  
silica, quartz  
NTP - Listed On The National Toxicology Program  
Listed In The IARC Monographs

**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

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

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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

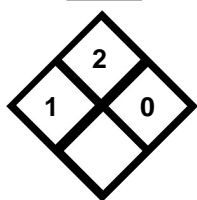
stoddard solvent

- WHMIS - Ingredient Disclosure List

**WHMIS - Canada (Pictograms)**



**NFPA**



**HMIS**

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	

16. Other Information

**Revision/Preparer Information**

This MSDS Supersedes A Previous MSDS Dated: 07/31/2011

Disclaimer

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Disclaimer - Continued

**consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purposes(s).**