



# MATERIAL SAFETY DATA SHEET

## BK006S - BAKOR AIR BLOC 06 SPRAY

<b>1. Product And Company Identification</b>	
<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 &amp; Phone Number</u> CHEMTREC: (800) 424-9300 CHEMTREC: (703) 527-3887 CANUTEC: (613) 996-6666	<u>Manufacturer Emergency Contacts &amp; Phone Number</u> CHEMTREC: (800) 424-9300 CHEMTREC: (703) 527-3887 CANUTEC: (613) 996-6666
Issue Date: 07/31/2011  Product Name: BK006S - BAKOR AIR BLOC 06 SPRAY Product Code: BK006S  <u>Product/Material Uses</u> Air barrier membrane	

<b>2. Composition/Information On Ingredients</b>			
Ingredient Name	CAS Number		Percent Of Total Weight
aromatic petroleum distillates	64742-95-6		10 - 30
petroleum asphalt	8052-42-4		30 - 50
mineral oil - poorly refined	64742-65-0		1 - 5
MINERAL OIL, PETROLEUM EXTRACTS, HEAVY NAPHTHENIC DISTILLATE SOLVENT	64742-11-6		1 - 5
rubber compounds	NA - Mixture		5 - 10
silica, amorphous	112926-00-8		1 - 5
stoddard solvent	8052-41-3		10 - 20

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

<b>3. Hazards Identification</b>
<u>Primary Routes(s) Of Entry</u> Inhalation  <u>Eye Hazards</u> May cause eye irritation (burning, tearing, redness or swelling).  <u>Skin Hazards</u> May cause skin irritation and contact dermatitis upon prolonged contact.



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### 3. Hazards Identification - Continued

#### 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

None of the ingredients of this product comprising over 0.1% are classified as carcinogenic according to OSHA, National Toxicology Program (NTP), International Agency for Research on Cancer (IARC) or the American Conference of Governmental Industrial Hygienists (ACGIH).

### 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.

### 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.



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### 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

- aromatic petroleum distillates  
OSHA PEL-TWA 500 ppm
- petroleum asphalt  
OSHA PEL-TWA 5mg/m3  
ACGIH TLV-TWA 0.5mg/m3 (Benzene soluble aerosol)
- mineral oil - poorly refined  
ACGIH TLV-TWA 5mg/m3
- silica, amorphous  
OSHA PEL-TWA 80 mg/m3 / (%SiO2)
- stoddard solvent  
ACGIH TLV-TWA 100 ppm  
OSHA PEL-TWA 500 ppm

### 9. Physical And Chemical Properties

#### Appearance

Black liquid

#### Odor

Aromatic solvent odor

**Chemical Type:** Mixture

**Physical State:** Liquid

**Boiling Point:** 284-392 °F 140-200 °C

**Specific Gravity:** 0.91

**Percent Volatiles:** 35-39%

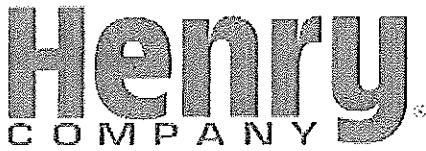
**Vapor Pressure:** 5-15@38°C

**Vapor Density:** 3.9-4.5

**pH Factor:** not applicable

**Solubility:** insoluble in water

**Evaporation Rate:** 0.10-0.20



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## 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 (CO<sub>2</sub>).

## 11. Toxicological Information

### Chronic/Carcinogenicity

None of the ingredients present in this product, at concentrations equal to or greater than 0.1%, have been determined to be carcinogenic by IARC, NTP, OSHA, or ACGIH.

### 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

MINERAL OIL, PETROLEUM EXTRACTS, HEAVY NAPHTHENIC DISTILLATE SOLVENT

Listed In The IARC Monographs

### Ingredient(s) - Toxicological Data

aromatic petroleum distillates

LD50 (oral, rat): 2900 mg/kg

LD50 (oral, rat): 8400 mg/kg

mineral oil - poorly refined

IARC has concluded that the following chemicals in this product are carcinogenic to humans (Group 1): Mineral Oil - Poorly Refined.

ACGIH has designated the following chemicals in this product as a suspected human carcinogen (A2): Mineral Oil - Poorly Refined.

stoddard solvent

oral-rat LD50: >5000 mg/kg

dermal-rabbit LD50: >3000 mg/kg

inhal-rat LC50: >5500 mg/m<sup>3</sup> (880 ppm)

inhal-rat LC50: >1300 ppm

## 12. Ecological Information

None identified.

## 13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations.

## 14. Transport Information

Ground or Water Domestic Voyage

Not restricted if shipped in containers <450L (119 gallons)

Restricted if shipped in containers >450L (119 gallons)



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14. Transport Information - Continued

US NA1993, Combustible liquid, n.o.s., (Petroleum Distillates mixture), Combustible liquid, III

Canada UN1999, Tars liquid, 3, III

Unless departs>flash point:

Both UN3256, Elevated Temperature liquid, flammable, n.o.s., (Petroleum Distillates mixture), 3, III

IMDG IMDG Code 2.3.2.5 - exempt from marking, labeling & testing of packages

IATA UN1999, Tars liquid, 3, III

**DOT (Pictograms)**

15. Regulatory Information

**U.S. Regulatory Information**

Product may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm.

**Ingredient(s) - State Regulations**

- aromatic petroleum distillates
  - New Jersey - Workplace Hazard
  - Pennsylvania - Workplace Hazard
- petroleum asphalt
  - California - Proposition 65
- silica, amorphous
  - New Jersey - Workplace Hazard
  - Pennsylvania - Workplace Hazard
  - 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, WHMIS Classification: D2B - Toxic

**Ingredient(s) - Canadian Regulatory Information**

- stoddard solvent
  - WHMIS - Ingredient Disclosure List

**WHMIS - Canada (Pictograms)**



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<u>NFPA</u> 	<u>HMIS</u> <table border="1"><tr><td>HEALTH</td><td style="text-align: center;">2</td></tr><tr><td>FLAMMABILITY</td><td style="text-align: center;">2</td></tr><tr><td>REACTIVITY</td><td style="text-align: center;">0</td></tr><tr><td>PERSONAL PROTECTION</td><td style="text-align: center;"><input type="text"/></td></tr></table>	HEALTH	2	FLAMMABILITY	2	REACTIVITY	0	PERSONAL PROTECTION	<input type="text"/>
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FLAMMABILITY	2								
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16. Other Information

Revision/Preparer Information

This MSDS Supersedes A Previous MSDS Dated: 11/10/2008

Disclaimer

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