



MATERIAL SAFETY DATA SHEET

BK021S - BAKOR AIR BLOC 21 S

1. Product And Company Identification

Manufacturer 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	Manufacturer Emergency Contacts & Phone Number CHEMTREC: (800) 424-9300 CHEMTREC: (703) 527-3887 CANUTEC: (613) 996-6666
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Issue Date: 02/27/2008
Supersedes MSDS Dated: 05/12/2006

Product Name: BK021S - BAKOR AIR BLOC 21 S
Product Code: BK021S

Product/Material Uses
Rubberized liquid vapor/air barrier

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
attapulgite	12174-11-7	1 - 4
calcium carbonate	1317-65-3	30 - 60
hydrotreated light petroleum distillate	64742-47-8	15 - 40
mineral oil - poorly refined	64742-65-0	1 - 5
silica, quartz	14808-60-7	0.1 - 1
Inert Ingredients		<Balance>

EMERGENCY OVERVIEW

WARNING! Flammable liquid and vapor. Vapor may cause light-headedness, headache, nausea, loss of coordination and unconsciousness. Central nervous system depressant. Causes irritation to the eyes, skin and respiratory tract.

Appearance/Odor: Cream colored paste with aromatic petroleum odor.

3. Hazards Identification

Primary Routes(s) Of Entry
Inhalation

Eye Hazards
May cause mild eye irritation.

Skin Hazards
May cause moderate skin irritation, defatting, and contact dermatitis upon prolonged contact.

Ingestion Hazards
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.



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3. Hazards Identification - Continued
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.
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: 107.6 °F 42 °C Flash Point Method: closed cup Autoignition Point: 420.8 °F 216 °C Flammability Class: Flammable Lower Explosive Limit: 1.4 Upper Explosive Limit: 8.1
Fire And Explosion Hazards Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes, including carbon dioxide (CO ₂) and traces of carbon monoxide (CO).
Extinguishing Media Chemical foam, carbon dioxide (CO ₂), or dry chemical, or water spray.
Fire Fighting Instructions Firefighters should wear self-contained breathing apparatus and full protective gear. Water can be used to cool and protect exposed materia.
6. Accidental Release Measures
Ventilate area. Avoid open flames, sparks or other ignition sources. Contain any liquids and absorb spill with inert material (e.g. sand, vermiculite). Collect and dispose in accordance with applicable regulations.
7. Handling And Storage
Handling And Storage Precautions Store in a cool, dry, well-ventilated area. Keep away from ignition sources. Keep containers tightly closed.
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.

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8. Exposure Controls/Personal Protection - Continued

Eye/Face Protection

Safety glasses with side shields or goggles recommended.

Skin Protection

Use with solvent-resistant rubber gloves, protective sleeves and solvent-resistant apron to prevent skin contact.

Respiratory Protection

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 or supplied air respirator.

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

Ingredient(s) - Exposure Limits

hydrotreated light petroleum distillate

ACGIH TLV-TWA 200 ppm (Skin)

mineral oil - poorly refined

ACGIH TLV-TWA 5mg/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)

9. Physical And Chemical Properties

Appearance

Cream-colored paste

Odor

Aromatic petroleum odor

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: 311-352.4 °F 155-178 °C

Specific Gravity: 1.19

Percent Volatiles: 33-39 % <400 g/L

Vapor Pressure: 1.1 mmHg at 20°C

Vapor Density: 4.8

pH Factor: not applicable

Solubility: insoluble

Evaporation Rate: 0.2 (Butyl Acetate = 1)

10. Stability And Reactivity

Stability: stable

Hazardous Polymerization: not expected to occur

Conditions To Avoid (Stability)

Avoid extreme temperatures. Keep away from ignition sources, heat and flames.

Incompatible Materials

Avoid contact with strong mineral acids and strong alkalies.

Hazardous Decomposition Products

Decomposition will not occur if handled and stored properly.

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11. Toxicological Information

Chronic/Carcinogenicity

Silica, quartz present in this product, at concentrations equal to or greater than 0.1%, has been determined to be carcinogenic as follows: IARC: Group 1, NTP:listed, OSHA: not regulated, or ACGIH: A2.

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

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.

silica, quartz

LD50 (iv-rat) : 500 mg/kg bw/Quartz (10-200 um)

12. Ecological Information

None identified.

13. Disposal Considerations

Do not allow into any sewer, on the ground, or into any body of water. Dispose in accordance with applicable federal, state and local government regulations.

14. Transport Information

Ground UN1133, Adhesives, 3, III

IMDG UN1133, Adhesives, 3, III

IATA UN1133, Adhesives, 3, III

DOT (Pictograms)



15. Regulatory Information

Ingredient(s) - State Regulations

attapulgite

California - Proposition 65

calcium carbonate

Pennsylvania - Workplace Hazard

hydrotreated light petroleum distillate

New Jersey - Workplace Hazard

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15. Regulatory Information - Continued

Ingredient(s) - State Regulations - Continued

silica, quartz

New Jersey - Workplace Hazard

Pennsylvania - Workplace Hazard

California - Proposition 65

Massachusetts - 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: Class B3 - Combustible or Flammable Material, D2A - Very Toxic.

Ingredient(s) - Canadian Regulatory Information

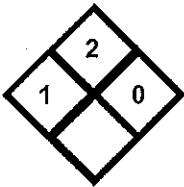
silica, quartz

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: 05/12/2006

Disclaimer

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