



MATERIAL SAFETY DATA SHEET

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HE033 - AIR-BLOC 33MR UV RESISTANT VAPOR PERM AIR & WHTR BARR MEM

1. Product And Company Identification

Supplier 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 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
Supplier Emergency Contacts & Phone Number CHEMTREC: (800) 424-9300 CHEMTREC: (703) 527-3887 CANUTEC: (613) 996-6666	Manufacturer Emergency Contacts & Phone Number CHEMTREC: (800) 424-9300 CHEMTREC: (703) 527-3887 CANUTEC: (613) 996-6666

Issue Date: 03/29/2010

Product Name: HE033 - AIR-BLOC 33MR UV RESISTANT VAPOR PERM AIR & WHTR BARR MEM
Product Code: HE033

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
acrylic polymer blend	not avail.	15 - 30
aluminum hydroxide	21645-51-2	20 - 40
bentonite	1302-78-9	1 - 5
benzyl butyl phthalate	85-68-7	1 - 5
cellulose fiber	9004-34-6	1 - 5
diethylene glycol monobutyl ether	112-34-5	1 - 5
ethylene glycol	107-21-1	1 - 5
water	7732-18-5	20 - 30

EMERGENCY OVERVIEW

CAUTION! Direct skin and eye contact may cause irritation. Ingestion may cause gastric distress. Inhalation may cause irritation to the respiratory tract.

3. Hazards Identification

Primary Routes(s) Of Entry
Inhalation, Skin Contact and Ingestion

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

Skin Hazards
May cause skin irritation. Dermal absorption hazards are similar to ingestion hazards, after long term or repeated exposures.

Ingestion Hazards
May cause nausea, vomiting, abdominal pain and weakness, as well as drunkenness, dizziness, stupor. Ethylene Glycol may cause convulsions and coma (symptoms of depression of the central nervous system). Death could result from



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3. Hazards Identification - Continued

Ingestion Hazards - Continued

respiratory arrest or cardiovascular collapse.

Inhalation Hazards

May cause minor irritation of the nose and throat. Certain individuals may experience minor nausea or headaches.

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.

Inhalation

Remove the person from the contaminated area to fresh air. If breathing is difficult, give oxygen. Contact a physician if symptoms develop.

5. Fire Fighting Measures

Flash Point: >212 °F

Flash Point Method: Setaflash

Lower Explosive Limit: not available

Upper Explosive Limit: not available

Fire And Explosion Hazards

Product is not considered flammable or combustible. Products of combustion include compounds of carbon, hydrogen, oxygen, including carbon monoxide.

Extinguishing Media

Carbon dioxide, water, water fog, dry chemical, chemical foam.

Fire Fighting Instructions

Keep containers cool with water spray to prevent container rupture due to steam buildup; floor will become slippery if material is released. Firefighters should wear self-contained breathing apparatus and full protective gear.

6. Accidental Release Measures

Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Collect and dispose in accordance with applicable regulations. Avoid runoff to waterways and sewers.

7. Handling And Storage

Handling And Storage Precautions

Keep containers tightly closed. Store in a cool, dry, well-ventilated area. Protect from physical damage. Protect from extreme temperatures. Keep out of reach of children.

**HE033 - AIR-BLOC 33MR UV RESISTANT VAPOR
PERM AIR & WHTR BARR MEM****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

This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous particulates. 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

aluminum hydroxide

ACGIH TLV-TWA: 10 mg/m³ (as aluminum metal)

OSHA PEL-TWA: 15 mg/m³ (as aluminum metal) (total dust)

OSHA PEL-TWA: 5 mg/m³ (as aluminum metal) (respirable dust)

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

9. Physical And Chemical Properties**Appearance**

thick black liquid

Odor

paint-like odor

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: 212 °F

Specific Gravity: 1.35

Percent Volatiles: 35

Vapor Pressure: 760@ 212°F

Vapor Density: >1

pH Factor: 7-9

Solubility: miscible in water

Evaporation Rate: <1

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<p>10. Stability And Reactivity</p> <p>Stability: Stable Hazardous Polymerization: Will not occur</p> <p><u>Conditions To Avoid (Stability)</u> Extreme temperatures</p> <p><u>Incompatible Materials</u> Strong oxidizers, strong acids</p> <p><u>Hazardous Decomposition Products</u> Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons and smoke may be produced.</p> <p><u>Conditions To Avoid (Polymerization)</u> none</p>
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<p>11. Toxicological Information</p> <p><u>Chronic/Carcinogenicity</u> None of the ingredients present in this product have been determined to be carcinogenic by IARC, NTP, OSHA, or ACGIH.</p> <p><u>Miscellaneous Toxicological Information</u> Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.</p> <p><u>Ingredient(s) - Toxicological Data</u> benzyl butyl phthalate LD50 (oral, rat): 2330 mg/kg LD50 (dermal, rabbit): >10000 mg/kg cellulose fiber LD50 (oral, rat): >2000 mg/kg LC50 (rat): >5800 mg/m3 (4-hour exposure) diethylene glycol monobutyl ether LD50 (oral, rat): 6,560 mg/kg LD50 (oral, rat): 5,660 mg/kg ethylene glycol LD50 (oral, rat): 5.89 g/kg LD50 (dermal, rabbit): 9.5 g/kg</p>
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<p>12. Ecological Information</p> <p>Do not allow into any sewer, on the ground, or into any body of water.</p>

<p>13. Disposal Considerations</p> <p>Dispose in accordance with applicable federal, state and local government regulations.</p>
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<p>14. Transport Information</p> <p>Ground Not Restricted</p> <p>IMDG Not Restricted</p> <p>IATA Not Restricted</p>
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15. Regulatory Information

SARA Hazard Classes

Acute Health Hazard

Ingredient(s) - U.S. Regulatory Information

diethylene glycol monobutyl ether

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

ethylene glycol

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

Ingredient(s) - State Regulations

benzyl butyl phthalate

New Jersey - Workplace Hazard

New Jersey - Environmental Hazard

Pennsylvania - Workplace Hazard

Pennsylvania - Environmental Hazard

New York City - Hazardous Substance

cellulose fiber

Pennsylvania - Workplace Hazard

diethylene glycol monobutyl ether

New Jersey - Workplace Hazard

New Jersey - Environmental Hazard

New York City - Hazardous Substance

ethylene glycol

New Jersey - Workplace Hazard

New Jersey - Environmental 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: D2B - Toxic

Ingredient(s) - Canadian Regulatory Information

ethylene glycol

WHMIS - Ingredient Disclosure List

WHMIS - Canada (Pictograms)



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NFPA	HMIS								
	<table border="1"><tr><td>HEALTH</td><td style="text-align: center;">1</td></tr><tr><td>FLAMMABILITY</td><td style="text-align: center;">0</td></tr><tr><td>REACTIVITY</td><td style="text-align: center;">0</td></tr><tr><td>PERSONAL PROTECTION</td><td></td></tr></table>	HEALTH	1	FLAMMABILITY	0	REACTIVITY	0	PERSONAL PROTECTION	
HEALTH	1								
FLAMMABILITY	0								
REACTIVITY	0								
PERSONAL PROTECTION									

16. Other Information

Revision/Preparer Information

This MSDS Supersedes A Previous MSDS Dated: 03/04/2008

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

HENRY COMPANY