



MATERIAL SAFETY DATA SHEET

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BK570S - BAKOR POLYBITUME SEALING COMPO UND

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: 03/14/2011 Product Name: BK570S - BAKOR POLYBITUME SEALING COMPO UND Product Code: BK570S Product/Material Uses used as a caulking, sealant, or bedding compound | |

2. Composition/Information On Ingredients

| Ingredient Name | CAS Number | Percent Of Total Weight |
|-----------------------|--------------|-------------------------|
| acrylic polymer blend | NA - Mixture | 5 - 10 |
| petroleum asphalt | 8052-42-4 | 25 - 35 |
| attapulgite | 12174-11-7 | 3 - 7 |
| bentonite | 1302-78-9 | 3 - 7 |
| cellulose fiber | 9004-34-6 | 1 - 5 |
| silica, quartz | 14808-60-7 | 10 - 20 |
| stoddard solvent | 8052-41-3 | 20 - 30 |

EMERGENCY OVERVIEW

CAUTION! Combustible Liquid. Central nervous system depressant. Vapor may cause light-headedness, headache, nausea, loss of coordination and respiratory tract irritation. Causes skin irritation.

Appearance/Odor: Black paste, petroleum odor

3. Hazards Identification

Primary Routes(s) Of Entry

Inhalation

Eye Hazards

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

Skin Hazards

May cause irritaion and contact dermatitis upon prolonged contact.

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

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

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 and carbon monoxide.

Extinguishing Media

Chemical foam, carbon dioxide (CO₂), water fog or dry chemical.

Fire Fighting Instructions

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

6. Accidental Release Measures

Prevent runoff from entering waterways and sewers. Contain and/or 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**

Keep containers tightly closed. Store in a cool, dry, well-ventilated area. Do not handle or store near strong oxidants. Keep away from ignition sources.

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.

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

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 paste

Odor

Petroleum Odor

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: 284-392 °F 140-200 °C

Specific Gravity: 1.05

Percent VOCs: 20-24% < 200 g/L

Vapor Pressure: 7@38°C

Vapor Density: 3.9

pH Factor: not applicable

Solubility: insoluble in water

Evaporation Rate: 0.10-0.15

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| <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>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) - Toxicological Data cellulose fiber LD50 (oral, rat): >2000 mg/kg LC50 (rat): >5800 mg/m3 (4-hour exposure) silica, quartz iv-rat LD50: 500 mg/kg bw/Quartz (10-200 um) stoddard solvent 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, flammable, 3, III</p> <p>Unless departs >flash point:</p> |

14. Transport Information - Continued

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

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

IATA UN1999, Tars liquid, 3, III

DOT (Pictograms)



15. Regulatory Information

U.S. Regulatory Information

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

Ingredient(s) - State Regulations

petroleum asphalt

California - Proposition 65

attapulgit

California - Proposition 65

cellulose fiber

Pennsylvania - Workplace Hazard

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

silica, quartz

WHMIS - Ingredient Disclosure List

stoddard solvent

WHMIS - Ingredient Disclosure List

WHMIS - Canada (Pictograms)



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

16. Other Information

Revision/Preparer Information

This MSDS Supersedes A Previous MSDS Dated: 06/06/2008

Disclaimer

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