



MATERIAL SAFETY DATA SHEET

BH79011C - 790-11 HOT RUBBERIZED ASPHALT

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: 11/10/2008 Product Name: BH79011C - 790-11 HOT RUBBERIZED ASPHALT Product Code: BH79011C Product/Material Uses Rubberized asphalt waterproofing membrane	

2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
asphalt, petroleum (oxidized)	64742-93-4		10 - 30
asphalt, petroleum (residues)	64741-56-6		15 - 40
calcium carbonate	1317-65-3		30 - 60
polymer	9003-55-8		1 - 5
silica, quartz	14808-60-7		0.1 - 1
solvent dewaxed heavy paraffinic petroleum distillate	64742-65-0		5 - 10
sulfur	7704-34-9		1 - 5
Substances in this product have been pre-registered in accordance with the REACH Regulation - (EC) No. 1907/2006. See Section 15 for additional information.			

EMERGENCY OVERVIEW	
This product is solid at room temperature and liquid only while it is heated for application. Heating of this product to high temperatures may produce vapors and/or hydrogen sulfide gas. Inhalation of vapors can cause eye irritation, respiratory tract irritation, and CNS depression with symptoms of nausea, headaches, vomiting, dizziness, fatigue, light-headedness, reduced coordination, unconsciousness and possibly death. Hot asphalt burns skin and eyes. At higher concentrations (above 10 ppm), hydrogen sulfide is extremely toxic by inhalation, may cause respiratory-tract irritation and respiratory failure, coma and death.	
Appearance and odor: Black asphaltic solid product, no odor. Hot liquid has characteristic odor.	



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3. Hazards Identification

Primary Routes(s) Of Entry

Inhalation

Eye Hazards

May cause eye irritation (burning, tearing, redness or swelling). Contact with hot product can cause severe thermal burns.

Skin Hazards

May cause skin irritation and contact dermatitis upon prolonged contact. Exposure to asphalt vapors increases sensitivity to sunlight. Contact with hot product will cause severe thermal burns. Dermal sensitization may occur from repeated and prolonged exposures to vapors.

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. Heated asphalt may produce hydrogen sulfide, which, at higher concentrations, is extremely toxic by inhalation and may cause respiratory-tract irritation, respiratory failure, coma and death.

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

For cold product, wash affected areas with soap and water. For hot product, quench burns with cold water and cover with sterile dressing. DO NOT TRY TO REMOVE THE PRODUCT! Get medical attention immediately.

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: 392 °F 200 °C

Flash Point Method: COC

Flammability Class: Not flammable

Fire And Explosion Hazards

During a fire toxic and irritating gases may be generated, such as hydrogen sulfide, sulfur dioxide, 1-3 butadiene, styrene monomer, carbon dioxide and carbon monoxide.

Extinguishing Media

Chemical foam, carbon dioxide (CO2), dry chemical, or water spray for small fires.



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5. Fire Fighting Measures - Continued
Fire Fighting Instructions Water can be used to cool and protect exposed material. 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. Use only with adequate ventilation. Do not store near strong oxidizers.
8. Exposure Controls/Personal Protection
Engineering Controls Use with adequate general and local exhaust ventilation. Exhaust ventilation required in confined areas. 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 goggles when handling melted product.
Skin Protection Work gloves (loose), gauntlet style. Protective clothing such as overalls, long-sleeve shirt, and pants.
Respiratory Protection 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. Hydrogen Sulfide OSHA TWA-STEL 50 ppm OSHA PEAK 50 ppm ACGIH TLV-TWA 10 ppm ACGIH TLV-STEL 15 ppm
Ingredient(s) - Exposure Limits asphalt, petroleum (oxidized) OSHA PEL-TWA 5mg/m3 ACGIH TLV-TWA 0.5mg/m3 (Benzene soluble aerosol) asphalt, petroleum (residues) OSHA PEL-TWA 5mg/m3 ACGIH TLV-TWA 0.5mg/m3 (Benzene-soluble aerosol) 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 Black asphaltic solid product

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9. Physical And Chemical Properties - Continued

Odor

Solid product has no odor. Hot liquid has characteristic odor.

Chemical Type: Mixture

Physical State: Solid

Boiling Point: 698 °F 370 °C

Specific Gravity: 1.18-1.33

Percent Volatiles: 0

Vapor Pressure: 0 at 25°C

Vapor Density: not applicable

pH Factor: not applicable

Solubility: insoluble

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Not expected to occur

Conditions To Avoid (Stability)

Hot asphalt may froth over and splatter on contact with water.

Incompatible Materials

Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products

Decomposition will not occur if handled and stored properly. During a fire toxic and irritating gases may be generated, such as hydrogen sulfide, sulfur dioxide, 1-3 butadiene, styrene monomer, carbon dioxide and carbon monoxide.

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

solvent dewaxed heavy paraffinic petroleum distillate

Listed In The IARC Monographs

Ingredient(s) - Toxicological Data

calcium carbonate

LD50 (oral-rat) : 6450 mg/kg

silica, quartz

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

solvent dewaxed heavy paraffinic petroleum distillate

LD50 (oral, rat): >5000 mg/kg

LD50 (dermal, rabbit): >5000 mg/kg



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12. Ecological Information	
None identified	
13. Disposal Considerations	
Dispose in accordance with applicable federal, state and local government regulations.	
14. Transport Information	
Ground Not restricted	
IMDG Not restricted	
IATA Not restricted	
15. Regulatory Information	
<u>Ingredient(s) - State Regulations</u>	
asphalt, petroleum (oxidized) California - Proposition 65	
asphalt, petroleum (residues) California - Proposition 65	
calcium carbonate Pennsylvania - Workplace Hazard	
silica, quartz New Jersey - Workplace Hazard Pennsylvania - Workplace Hazard California - Proposition 65 Massachusetts - Hazardous Substance	
solvent dewaxed heavy paraffinic petroleum distillate New Jersey - Workplace Hazard	
sulfur New Jersey - Workplace Hazard Pennsylvania - Workplace Hazard Massachusetts - Hazardous Substance New York City - Hazardous Substance	
<u>Canadian Regulatory Information</u>	
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: D2A - Very Toxic	
<u>Ingredient(s) - Canadian Regulatory Information</u>	
silica, quartz WHMIS - Ingredient Disclosure List	
<u>European Union (EU) Regulatory Information</u>	
REACH Pre-registration Information:	
Substance (CAS#)	Reference Number
Asphalt, oxidized (64742-93-4)	05-2114366965-32-0000
Asphalt, petroleum (64741-56-6)	05-2114366977-27-0000
Calcium Carbonate (1317-65-3)	05-2114501824-55-0000
Mineral Oil (64742-65-0)	05-2114367021-61-0000
Sulfur (7704-34-9)	05-2114367084-49-0000
Quartz (14808-60-7)	05-2114366999-21-0000

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15. Regulatory Information - Continued

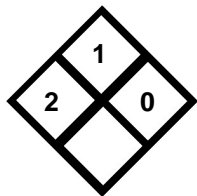
European Union (EU) Regulatory Information - Continued

Styrene Butadiene Polymer	NA - Polymer (the monomers below have been pre-registered)
-Styrene (100-42-5)	05-2114367032-58-0000
-Buta-1,3-diene (106-99-0)	05-2114367037-48-0000

WHMIS - Canada (Pictograms)



NFPA



HMIS

HEALTH	2
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	

16. Other Information

Revision/Preparer Information

This MSDS Supersedes A Previous MSDS Dated: 09/29/2008

Disclaimer

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