



MATERIAL SAFETY DATA SHEET

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BH180GTG - MOD. PLUS NP180GT4 - GREY

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: 01/25/2010 Product Name: BH180GTG - MOD. PLUS NP180GT4 - GREY Product Code: BH180GTG Product/Material Uses Granulated Roofing Membrane	

2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
asphalt, petroleum	8052-42-4		30 - 60
calcium carbonate	1317-65-3		10 - 20
silica, quartz	14808-60-7		10 - 20
volcanic basalt rock	NA		30 - 50

EMERGENCY OVERVIEW			
CAUTION! This product contains asphalt. Some asphalt contains sulfur compounds which may form hydrogen sulfide when heated or burned. At higher concentrations (above 10 ppm), hydrogen sulfide is extremely toxic by inhalation, may cause respiratory-tract irritation and respiratory failure, coma and death. Direct skin and eye contact may cause irritation. Appearance/Odor:			

3. Hazards Identification
Primary Routes(s) Of Entry Inhalation - possible if product becomes airborne, but considered unlikely.
Eye Hazards Particles may cause eye irritation.
Skin Hazards May cause skin irritation and contact dermatitis upon prolonged contact.
Ingestion Hazards Not a probable route of exposure.



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3. Hazards Identification - Continued

Inhalation Hazards

Not a probable route of exposure under normal conditions of use.

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. If not breathing, give artificial respiration. Get medical attention immediately.

5. Fire Fighting Measures

Flammability Class: Non Flammable

Fire And Explosion Hazards

During a fire carbon monoxide, carbon dioxide, oxides of nitrogen and sulfur, hydrogen sulfide, and irritating and/or toxic gases may be generated.

Extinguishing Media

Carbon dioxide, water, or dry chemical.

Fire Fighting Instructions

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

6. Accidental Release Measures

Collect and dispose in accordance with applicable regulations. Avoid release 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 heat sparks, or flame. Use only with adequate ventilation.

8. Exposure Controls/Personal Protection

Engineering Controls

Use with adequate general and local exhaust ventilation.

Eye/Face Protection

Safety glasses with side shields recommended.

Skin Protection

Use with protective gloves and apron to prevent skin contact.

Respiratory Protection

None normally required. Respirator use may be required due to secondary operations such as cutting, sanding, buffing, etc. The level of respiratory protection needed should be based on the evaluation of chemical exposures by a health or safety professional.



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<p>8. Exposure Controls/Personal Protection - Continued</p> <p><u>Respiratory Protection - Continued</u> Occupational Exposure Limits for individual ingredients (if available) are listed below.</p> <p>Asphalt fume ACGIH TLV-TWA 0.5 mg/m3 (Inhalable fraction and vapor)</p> <p><u>Ingredient(s) - Exposure Limits</u> asphalt, petroleum 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)</p>
<p>9. Physical And Chemical Properties</p> <p><u>Appearance</u> Flexible sheet</p> <p>Chemical Type: Mixture Physical State: Solid Boiling Point: 650-1000 °F 343-538 °C Specific Gravity: >1.0 Percent Volatiles: <0.5% Vapor Pressure: not applicable Vapor Density: not available pH Factor: not available Solubility: not available Evaporation Rate: not available</p>
<p>10. Stability And Reactivity</p> <p>Stability: Stable Hazardous Polymerization: Not expected to occur</p> <p><u>Conditions To Avoid (Stability)</u> Extreme temperatures, open flames, and strong oxidants.</p> <p><u>Hazardous Decomposition Products</u> Decomposition not expected to occur if handled and stored properly.</p> <p><u>Conditions To Avoid (Polymerization)</u> Incomplete combustion</p>
<p>11. Toxicological Information</p> <p><u>Chronic/Carcinogenicity</u> Crystalline silica (quartz and cristobalite) is listed by IARC as a known human carcinogen, IARC Class 1).</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) - Carcinogenicity</u> silica, quartz NTP - Listed On The National Toxicology Program</p>



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11. Toxicological Information - Continued

Ingredient(s) - Carcinogenicity - Continued

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)

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.S. Regulatory Information

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

Ingredient(s) - State Regulations

asphalt, petroleum

California - Proposition 65

calcium carbonate

Pennsylvania - Workplace Hazard

silica, quartz

New Jersey - Workplace Hazard

Pennsylvania - Workplace Hazard

California - Proposition 65

Massachusetts - Hazardous Substance

Canadian Regulatory Information

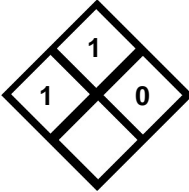
This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. WHMIS Classification: Not classified or controlled.

Ingredient(s) - Canadian Regulatory Information

silica, quartz

WHMIS - Ingredient Disclosure List

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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;">1</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	1	REACTIVITY	0	PERSONAL PROTECTION	
HEALTH	*1								
FLAMMABILITY	1								
REACTIVITY	0								
PERSONAL PROTECTION									

16. Other Information

Revision/Preparer Information

This MSDS Supersedes A Previous MSDS Dated: 09/08/2008

Disclaimer

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HENRY COMPANY