



MATERIAL SAFETY DATA SHEET

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BK12019 - BAKOR 120-19 INSUL CTG

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: 06/07/2011 Product Name: BK12019 - BAKOR 120-19 INSUL CTG Product Code: BK12019 Product/Material Uses Fire resistive coating for thermal insulation	

2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
calcium carbonate	1317-65-3		10 - 20
ethylene glycol	107-21-1		1 - 5
vinyl polymer	NA - Mixture		10 - 20
silica, quartz	14808-60-7		0.1 - 1
titanium dioxide	13463-67-7		1 - 5
water	7732-18-5		25 - 45
calcium silicate	13983-17-0		5 - 10

EMERGENCY OVERVIEW	
CAUTION! May be irritating to the eyes, skin and respiratory tract. May be harmful if swallowed.	
Appearance/Odor: White medium viscosity liquid. Acetic acid odor.	

3. Hazards Identification
Primary Routes(s) Of Entry Inhalation
Eye Hazards May cause eye irritation.
Skin Hazards May cause skin irritation and contact dermatitis upon prolonged contact.



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<p>3. Hazards Identification - Continued</p> <p><u>Ingestion Hazards</u> May be harmful if swallowed. May cause gastric distress, vomiting, diarrhea, blurred vision and central nervous system effects.</p> <p><u>Inhalation Hazards</u> 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.</p> <p><u>Chronic/Carcinogenicity Effects</u> 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.</p>
<p>4. First Aid Measures</p> <p><u>Eye</u> 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.</p> <p><u>Skin</u> Remove contaminated clothing and shoes. Wash affected areas with soap and water.</p> <p><u>Ingestion</u> Never give anything by mouth to an unconscious victim. Call a physician or poison control center immediately.</p> <p><u>Inhalation</u> Remove the person from the contaminated area to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately.</p>
<p>5. Fire Fighting Measures</p> <p>Flash Point: None °F Flammability Class: Non-Flammable Lower Explosive Limit: not available Upper Explosive Limit: not available</p> <p><u>Fire And Explosion Hazards</u> Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases and vapors including carbon monoxide, carbon dioxide, hydrogen chloride.</p> <p><u>Extinguishing Media</u> Chemical foam, carbon dioxide (CO2), water fog or dry chemical.</p> <p><u>Fire Fighting Instructions</u> Firefighters should wear self-contained breathing apparatus and full protective gear.</p>
<p>6. Accidental Release Measures</p> <p>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.</p>
<p>7. Handling And Storage</p> <p><u>Handling And Storage Precautions</u> Keep containers tightly closed. Store in a cool, dry, well-ventilated area. Protect from freezing. Use only with adequate ventilation.</p>



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<p>8. Exposure Controls/Personal Protection</p> <p><u>Engineering Controls</u> 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.</p> <p><u>Eye/Face Protection</u> Safety glasses with side shields or goggles recommended.</p> <p><u>Skin Protection</u> Use with chemical-protective gloves to prevent skin contact.</p> <p><u>Respiratory Protection</u> Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.</p> <p>The level of respiratory protection needed should be based on the evaluation of chemical exposures by a health or safety professional.</p> <p>Occupational Exposure Limits for individual ingredients (if available) are listed below.</p> <p><u>Ingredient(s) - Exposure Limits</u> ethylene glycol ACGIH TLV-CEILING 100 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) titanium dioxide ACGIH TLV-TWA 10 mg/m3 (respirable) OSHA PEL-TWA 15 mg/m3 (total dust)</p>
<p>9. Physical And Chemical Properties</p> <p><u>Appearance</u> White medium viscosity liquid</p> <p><u>Odor</u> Acetic acid odor</p> <p>Chemical Type: Mixture Physical State: Liquid Boiling Point: 212 °F 100 °C Specific Gravity: 1.28 Percent Volatiles: 53 Percent VOCs: <100 g/L Vapor Pressure: as for water Vapor Density: as for water pH Factor: 6 - 8 Solubility: miscible in water as supplied, insoluble when dry Evaporation Rate: as for water</p>
<p>10. Stability And Reactivity</p> <p>Stability: Stable Hazardous Polymerization: Will not occur</p>

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10. Stability And Reactivity - Continued
<p><u>Incompatible Materials</u> Avoid contact with materials that react with water</p>
11. Toxicological Information
<p><u>Chronic/Carcinogenicity</u> IARC has concluded that the following chemicals in this product are carcinogenic to humans (Group 1): silica, quartz IARC has concluded that the following chemicals in this product are possibly carcinogenic to humans (Group 2B): titanium dioxide. 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><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> vinyl polymer Listed In The IARC Monographs silica, quartz NTP - Listed On The National Toxicology Program Listed In The IARC Monographs</p> <p><u>Ingredient(s) - Toxicological Data</u> calcium carbonate LD50 (oral-rat) : 6450 mg/kg ethylene glycol LD50 (oral, rat): 5.89 g/kg LD50 (dermal, rabbit): 9.5 g/kg silica, quartz LD50 (iv-rat) : 500 mg/kg bw/Quartz (10-200 um) titanium dioxide LD50 (oral, mouse): >10,000 mg/kg LD50 (oral, rat): >25,000 mg/kg LD50 (dermal, rabbit): >10,000 mg/kg LC50 (inhalation,rat): >6820 mg/m3 (4 Hr)</p>
12. Ecological Information
No specific information available.
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

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15. Regulatory Information

U.S. Regulatory Information

Warning: This product contains a substance(s) known to the State of California to cause cancer.

Ingredient(s) - U.S. Regulatory Information

ethylene glycol

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

Ingredient(s) - State Regulations

calcium carbonate

Pennsylvania - Workplace Hazard

ethylene glycol

New Jersey - Workplace Hazard

New Jersey - Environmental Hazard

Pennsylvania - Workplace Hazard

Massachusetts - Hazardous Substance

New York City - Hazardous Substance

silica, quartz

New Jersey - Workplace Hazard

Pennsylvania - Workplace Hazard

California - Proposition 65

Massachusetts - Hazardous Substance

titanium dioxide

New Jersey - Workplace Hazard

Pennsylvania - Workplace Hazard

New York City - Hazardous Substance

calcium silicate

Pennsylvania - Workplace Hazard

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: D2A - Very Toxic

Ingredient(s) - Canadian Regulatory Information

ethylene glycol

WHMIS - Ingredient Disclosure List

silica, quartz

WHMIS - Ingredient Disclosure List

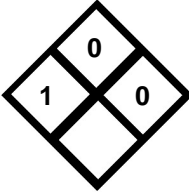
titanium dioxide

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;">0</td> </tr> <tr> <td>REACTIVITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td style="text-align: center;"> </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: 06/05/2008

Disclaimer

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