



# MATERIAL SAFETY DATA SHEET

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## BK230 - BAKOR HI-TAC ADHESIVE PRIMER

1. Product And Company Identification	
<b>Supplier</b> HENRY COMPANY 909 N. Sepulveda Blvd., Suite 650 El Segundo, CA 90245-2724  <b>Company Contact:</b> Technical Services <b>Telephone Number:</b> (800) 486-1278 <b>Web Site:</b> www.henry.com www.bakor.com	<b>Manufacturer</b> HENRY COMPANY 909 N. Sepulveda Blvd., Suite 650 El Segundo, CA 90245-2724  <b>Company Contact:</b> Technical Services <b>Telephone Number:</b> (800) 486-1278 <b>Web Site:</b> www.henry.com www.bakor.com
<b>Supplier Emergency Contacts &amp; Phone Number</b> CHEMTREC: (800) 424-9300 CHEMTREC: (703) 527-3887 CANUTEC: (613) 996-6666	<b>Manufacturer Emergency Contacts &amp; Phone Number</b> CHEMTREC: (800) 424-9300 CHEMTREC: (703) 527-3887 CANUTEC: (613) 996-6666
<b>Issue Date:</b> 02/14/2008  <b>Product Name:</b> BK230 - BAKOR HI-TAC ADHESIVE PRIMER <b>Product Code:</b> BK230	

2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
hydrotreated light petroleum distillate	64742-47-8		40 - 70
nitrogen	7727-37-9		3 - 7
toluene	108-88-3		1 - 5
inert ingredients			<Balance>

<b>EMERGENCY OVERVIEW</b>	
<b>WARNING! Flammable liquid and vapor. Vapor may cause light-headedness, headache, nausea, loss of coordination and respiratory tract irritation.</b> <b>CAUTION! Compressed Gas. Simple asphyxiant. Can displace oxygen in air.</b>  <b>Appearance/Odor: Pressurized yellow liquid in a canister, mild gasoline-like odor.</b>	

3. Hazards Identification
<b>Primary Routes(s) Of Entry</b> Inhalation
<b>Eye Hazards</b> May cause minor eye irritation (burning, tearing, redness or swelling).
<b>Skin Hazards</b> May cause skin irritation and contact dermatitis upon prolonged contact.
<b>Ingestion Hazards</b> Ingestion may cause central nervous system depression.
<b>Inhalation Hazards</b> 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.



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<p>3. Hazards Identification - Continued</p> <p><b><u>Chronic/Carcinogenicity Effects</u></b> 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).</p>
<p>4. First Aid Measures</p> <p><b><u>Eye</u></b> 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><b><u>Skin</u></b> Remove contaminated clothing and shoes. Wash affected areas with soap and water.</p> <p><b><u>Ingestion</u></b> Get medical attention immediately. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious victim.</p> <p><b><u>Inhalation</u></b> Remove the person from the contaminated area to fresh air. Get medical attention immediately.</p> <p><b><u>Note To Physician</u></b> Aspiration of liquid into the lungs during swallowing or vomiting can cause lung inflammation, serious lung damage and even death from chemical pneumonitis.</p>
<p>5. Fire Fighting Measures</p> <p><b>Flash Point:</b> 25 °F -4 °C <b>Flash Point Method:</b> closed cup <b>Lower Explosive Limit:</b> not available <b>Upper Explosive Limit:</b> not available</p> <p><b><u>Fire And Explosion Hazards</u></b> Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes. Canisters under pressure.</p> <p><b><u>Extinguishing Media</u></b> Chemical foam, carbon dioxide (CO2), dry chemical, or water fog.</p> <p><b><u>Fire Fighting Instructions</u></b> Firefighters should wear self-contained breathing apparatus and full protective gear.</p>
<p>6. Accidental Release Measures</p> <p>Restrict access to area until oxygen level in the air can be determined and is at least 19.5%. Ensure monitoring is conducted by trained personnel only. Wear adequate respiratory protection equipment. Ventilate area. Avoid open flames, sparks or other ignition sources. Contain any liquids and absorb spill with inert material (e.g. sand, vermiculite). Collect and dispose in accordance with applicable regulations.</p>
<p>7. Handling And Storage</p> <p><b><u>Handling And Storage Precautions</u></b> Container under pressure. Do not puncture, crush or expose to extreme temperatures. Do not store at temperatures above 120°F. Store in a cool, dry, well-ventilated area. Keep away from ignition sources. Keep containers tightly closed. Protect from physical damage. Always assume container is under pressure.</p>

**BK230 - BAKOR HI-TAC ADHESIVE PRIMER****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 made of nitrile or neoprene to prevent skin contact.

**Respiratory Protection**

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**

hydrotreated light petroleum distillate

ACGIH TLV-TWA 200 ppm (Skin)

toluene

ACGIH TLV-TWA 50 ppm (Skin)

OSHA PEL-CEILING 300 ppm

OSHA PEL-PEAK 500 ppm

OSHA PEL-TWA 200 ppm

**9. Physical And Chemical Properties****Appearance**

Pressurized yellow liquid in a canister

**Odor**

Mild gasoline-like odor

**Chemical Type:** Mixture

**Physical State:** Liquid

**Boiling Point:** 207-246 °F

**Specific Gravity:** 0.80-0.85 for liquid portion

**Percent Volatiles:** 58

**Vapor Pressure:** not established

**Vapor Density:** not established

**pH Factor:** not applicable

**Solubility:** not soluble in water

**Evaporation Rate:** not established

This product is a liquid adhesive with compressed nitrogen gas.

**10. Stability And Reactivity**

**Stability:** Stable

**Hazardous Polymerization:** Will not occur


**Conditions To Avoid (Stability)**

Avoid extreme temperatures. Keep away from ignition sources, heat and flames.

**Incompatible Materials**

Avoid contact with strong oxidizing agents.

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10. Stability And Reactivity - Continued
<p><b><u>Hazardous Decomposition Products</u></b>          Toxic and irritating gases, vapors or fumes of carbon monoxide (CO), carbon dioxide (CO2).</p>
11. Toxicological Information
<p><b><u>Miscellaneous Toxicological Information</u></b>          Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.</p> <p><b><u>Ingredient(s) - Toxicological Data</u></b>          toluene              LD50 (oral, rat): 2600-7500 mg/kg              LC50 (rat) : 7350 ppm (4-hour exposure)              LD50 (dermal, rabbit): 12225 mg/kg</p>
12. Ecological Information
No specific information available.
13. Disposal Considerations
Dispose in accordance with applicable federal, state and local government regulations. Empty depressurized containers cannot be reused. Cans which are pressurized or contain liquid must be disposed of in a permitted waste management facility.
14. Transport Information
Ground UN1133, Adhesives, 3, II
IMDG UN1133, Adhesives, 3, II
IATA UN1133, Adhesives, 3, II
<p><b><u>DOT (Pictograms)</u></b></p> 
15. Regulatory Information
<p><b><u>SARA Hazard Classes</u></b>          Sudden Release of Pressure Hazard</p> <p><b><u>Ingredient(s) - U.S. Regulatory Information</u></b>          toluene              SARA Title III - Section 313 Form "R"/TRI Reportable Chemical</p> <p><b><u>Ingredient(s) - State Regulations</u></b>          hydrotreated light petroleum distillate              New Jersey - Workplace Hazard          nitrogen              New Jersey - Workplace Hazard              Pennsylvania - Workplace Hazard              Massachusetts - Hazardous Substance              New York City - Hazardous Substance          toluene</p>

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15. Regulatory Information - Continued

**Ingredient(s) - State Regulations - Continued**

- New Jersey - Workplace Hazard
- New Jersey - Environmental Hazard
- New Jersey - Special Hazard
- Pennsylvania - Workplace Hazard
- Pennsylvania - Environmental Hazard
- California - Proposition 65
- 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: A - Compressed Gas, D2B - Toxic.

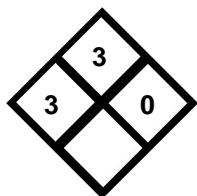
**Ingredient(s) - Canadian Regulatory Information**

- toluene
- WHMIS - Ingredient Disclosure List

**WHMIS - Canada (Pictograms)**



**NFPA**



**HMS**

HEALTH	3
FLAMMABILITY	3
REACTIVITY	0
PERSONAL PROTECTION	

16. Other Information

**Revision/Preparer Information**

**This MSDS Supersedes A Previous MSDS Dated: 12/15/2006**

Disclaimer

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