



MATERIAL SAFETY DATA SHEET

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BK101 - BLUESKIN ADHESIVE

1. Product And Company Identification	
Supplier HENRY COMPANY 999 N. Sepulveda Blvd., Suite 800 El Segundo, CA 90245-2716 Company Contact: Technical Services Telephone Number: (800) 486-1278 Web Site: www.henry.com www.bakor.com	Manufacturer HENRY COMPANY 999 N. Sepulveda Blvd., Suite 800 El Segundo, CA 90245-2716 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: 02/10/2014 Product Name: BK101 - BLUESKIN ADHESIVE Product Code: BK101	

2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
3-methylpentane	96-14-0		10 - 25
acetone	67-64-1		20 - 30
bentonite	1302-78-9		1 - 5
hexane	110-54-3		20 - 30
hydrocarbon resins	NA - Mixture		10 - 20
isohexane	107-83-5		1 - 5
methylcyclopentane	96-37-7		1 - 5
rubber compounds	NA - Mixture		5 - 15
solvent dewaxed heavy paraffinic petroleum distillate	64742-65-0		1 - 5
stoddard solvent	8052-41-3		1 - 5

EMERGENCY OVERVIEW

WARNING! Flammable liquid and vapor. Vapor may cause light-headedness, headache, nausea, loss of coordination and respiratory tract irritation. Causes skin irritation.

Appearance/Odor: Blue liquid in a can, mild gasoline-like odor.

3. Hazards Identification
Primary Route(s) Of Entry Inhalation
Eye Hazards May cause eye irritation (burning, tearing, redness or swelling).



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<p>3. Hazards Identification - Continued</p> <p><u>Skin Hazards</u> May cause skin irritation and contact dermatitis upon prolonged contact.</p> <p><u>Ingestion Hazards</u> Ingestion may cause central nervous system depression.</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> 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><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> Get medical attention immediately. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious victim.</p> <p><u>Inhalation</u> Remove the person from the contaminated area to fresh air. Get medical attention immediately.</p> <p><u>Note To Physician</u> 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>Flash Point: -18.4 °F -28 °C Flash Point Method: closed cup Autoignition Point: 433 °F 223 °C Flammability Class: Class IB Lower Explosive Limit: 1.0 Upper Explosive Limit: 13.0</p> <p><u>Fire And Explosion Hazards</u> Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes. Can under pressure.</p> <p><u>Extinguishing Media</u> Chemical foam, carbon dioxide (CO2), dry chemical, or water fog.</p> <p><u>Fire Fighting Instructions</u> Firefighters should wear self-contained breathing apparatus and full protective gear.</p>



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6. Accidental Release Measures

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.

7. Handling And Storage

Handling And Storage Precautions

Keep away from ignition sources. Keep containers tightly closed. Store in a cool, dry, well-ventilated area. Do not handle or store near heat, sparks, flame, strong oxidents or strong acids. Use only with adequate ventilation. Ground all containers.

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

acetone

- ACGIH TLV-STEL 750 ppm
- ACGIH TLV-TWA 500 ppm
- OSHA PEL-TWA 1000 ppm

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)

hexane

- ACGIH TLV-STEL 1000 ppm
- ACGIH TLV-TWA 50 ppm (Skin)
- ACGIH TLV-TWA 500 ppm
- OSHA PEL-TWA 500 ppm

isohexane

- ACGIH TLV-STEL 1000 ppm
- ACGIH TLV-TWA 500 ppm

stoddard solvent

- ACGIH TLV-TWA 100 ppm
- OSHA PEL-TWA 500 ppm

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9. Physical And Chemical Properties

Appearance

Blue liquid in a can.

Odor

Mild gasoline-like odor

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: 113 °F 45 °C

Specific Gravity: 0.80 for liquid portion

Percent Volatiles: 71

Vapor Pressure: <5700mmHg@60°F

Vapor Density: 2.0-2.8 for liquid portion @77°F

pH Factor: not applicable

Solubility: not soluble in water

Evaporation Rate: 7-9 (butyl acetate = 1)

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.

Hazardous Decomposition Products

Toxic and irritating gases, vapors or fumes of carbon monoxide (CO), carbon dioxide (CO₂).

11. Toxicological Information

Chronic/Carcinogenicity

None of the ingredients present in this product, at concentrations equal to or greater than 0.1%, have been determined to be carcinogenic by IARC, NTP, OSHA, or ACGIH.

Miscellaneous Toxicological Information

Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.

Ingredient(s) - Toxicological Data

acetone

LD50 (oral, female rat): 5800 mg/kg

LD50 (dermal, rabbit): >16000 mg/kg

LC50 (male rat): 30000 ppm (4-hour exposure)

hexane

LD50 (oral, 14-day old rat): 15840 mg/kg

LC50 (male rat): 38500 ppm (4-hour exposure)

methylcyclopentane

LD50 (oral, rat): 5-15 g/kg

Lethal concentration (mouse): 95000-120000 mg/m³

solvent dewaxed heavy paraffinic petroleum distillate

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

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

stoddard solvent



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11. Toxicological Information - Continued
<u>Ingredient(s) - Toxicological Data - Continued</u> 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
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 UN1133, Adhesives, 3, II IMDG UN1133, Adhesives, 3, II IATA UN1133, Adhesives, 3, II
15. Regulatory Information
<u>SARA Hazard Classes</u> Acute Health Hazard Fire Hazard <u>Ingredient(s) - U.S. Regulatory Information</u> hexane SARA Title III - Section 313 Form "R"/TRI Reportable Chemical <u>Ingredient(s) - State Regulations</u> 3-methylpentane New Jersey - Workplace Hazard Pennsylvania - Workplace Hazard Massachusetts - Hazardous Substance acetone New Jersey - Workplace Hazard Pennsylvania - Workplace Hazard Massachusetts - Hazardous Substance New York City - Hazardous Substance hexane New Jersey - Workplace Hazard New Jersey - Environmental Hazard New Jersey - Special Hazard Pennsylvania - Workplace Hazard Massachusetts - Hazardous Substance New York City - Hazardous Substance isohexane Pennsylvania - Workplace Hazard Massachusetts - Hazardous Substance methylcyclopentane New Jersey - Workplace Hazard New Jersey - Special Hazard

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15. Regulatory Information - Continued

Ingredient(s) - State Regulations - Continued

Pennsylvania - Workplace Hazard
 Massachusetts - Hazardous Substance
 New York City - Hazardous Substance
 solvent dewaxed heavy paraffinic petroleum distillate
 New Jersey - Workplace Hazard
 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: B2 - Flammable Materials, D2B - Toxic Materials.

Ingredient(s) - Canadian Regulatory Information

acetone
 WHMIS - Ingredient Disclosure List
 hexane
 WHMIS - Ingredient Disclosure List
 isohexane
 WHMIS - Ingredient Disclosure List
 stoddard solvent
 WHMIS - Ingredient Disclosure List

WHMIS - Canada (Pictograms)



<u>NFPA</u>	<u>HMIS</u>
	HEALTH <input type="text" value="2"/>
	FLAMMABILITY <input type="text" value="3"/>
	REACTIVITY <input type="text" value="0"/>
	PERSONAL PROTECTION <input type="text"/>

16. Other Information

Revision/Preparer Information

This MSDS Supersedes A Previous MSDS Dated: 03/16/2011

Disclaimer

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