



# MATERIAL SAFETY DATA SHEET

Page 1 of 6

## BKUA482 - BAKOR BLUESKIN SPRAY PREP PRIM ER

|                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Product And Company Identification                                                                                                                                                                                                           |                                                                                                                                                                                                                                                     |
| <b>Supplier</b><br>HENRY COMPANY<br>909 N. Sepulveda Blvd., Suite 650<br>El Segundo, CA 90245-2724<br><br><b>Company Contact:</b> Technical Services<br><b>Telephone Number:</b> (800) 486-1278<br><b>Web Site:</b> www.henry.com www.bakor.com | <b>Manufacturer</b><br>HENRY COMPANY<br>909 N. Sepulveda Blvd., Suite 650<br>El Segundo, CA 90245-2724<br><br><b>Company Contact:</b> Technical Services<br><b>Telephone Number:</b> (800) 486-1278<br><b>Web Site:</b> www.henry.com www.bakor.com |
| <b>Supplier Emergency Contacts &amp; Phone Number</b><br>CHEMTREC: (800) 424-9300<br>CHEMTREC: (703) 527-3887<br>CANUTEC: (613) 996-6666                                                                                                        | <b>Manufacturer Emergency Contacts &amp; Phone Number</b><br>CHEMTREC: (800) 424-9300<br>CHEMTREC: (703) 527-3887<br>CANUTEC: (613) 996-6666                                                                                                        |
| <b>Issue Date:</b> 12/18/2011<br><br><b>Product Name:</b> BKUA482 - BAKOR BLUESKIN SPRAY PREP PRIM ER<br><b>Product Code:</b> BKUA482<br><br><b>Product/Material Uses</b><br>Primer for self-adhesive membrane                                  |                                                                                                                                                                                                                                                     |

| 2. Composition/Information On Ingredients |            |  |                         |
|-------------------------------------------|------------|--|-------------------------|
| Ingredient Name                           | CAS Number |  | Percent Of Total Weight |
| acetone                                   | 67-64-1    |  | 25 - 40                 |
| dimethyl ether                            | 115-10-6   |  | 10 - 20                 |
| hydrocarbon resins                        | MIXTURE    |  | 15 - 30                 |
| isobutane                                 | 75-28-5    |  | 5 - 15                  |
| mineral oil                               | 64742-52-5 |  | 1 - 5                   |
| propane                                   | 74-98-6    |  | 5 - 15                  |
| toluene                                   | 108-88-3   |  | 25 - 35                 |

|                                                                                                                                                                                                                |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| EMERGENCY OVERVIEW                                                                                                                                                                                             |  |
| <b>DANGER! Extremely flammable liquid and vapor. Vapor may cause light-headedness, headache, nausea, loss of coordination and respiratory tract irritation. Causes skin irritation. Causes eye irritation.</b> |  |

|                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3. Hazards Identification                                                                                                                              |
| <b>Primary Routes(s) Of Entry</b><br>Inhalation                                                                                                        |
| <b>Eye Hazards</b><br>May cause eye irritation (burning, tearing, redness or swelling).                                                                |
| <b>Skin Hazards</b><br>May cause skin irritation and contact dermatitis upon prolonged contact. May cause frostbite if sprayed on skin at close range. |



BKUA482 - BAKOR BLUESKIN SPRAY PREP PRIMER

3. Hazards Identification - Continued

**Ingestion Hazards**

Ingestion may cause central nervous system depression.

**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.

**Chronic/Carcinogenicity Effects**

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).

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. Get medical attention immediately.

**Note To Physician**

Aspiration of liquid into the lungs during swallowing or vomiting can cause lung inflammation, serious lung damage and even death from chemical pneumonitis.

5. Fire Fighting Measures

**Flash Point:** -156 °F -104 °C

**Flash Point Method:** closed cup - based on flash point of propellants

**Autoignition Point:** 433 °F 223 °C

**Lower Explosive Limit:** 0.6

**Upper Explosive Limit:** 36.5

**Fire And Explosion Hazards**

Flame Projection Test (CFR - 1500.45) - > 18 inches with flashback (very flammable)

Flash point (Liquid components): -30.0 C/ -22 F (ASTM D3828 - Setaflash closed cup)

-----

Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes. Can under pressure.

**Extinguishing Media**

Chemical foam, carbon dioxide (CO2), dry chemical, or water fog.

**Fire Fighting Instructions**

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

**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

isobutane

ACGIH TLV-TWA 1000 ppm

mineral oil

ACGIH - TLV-TWA: 5 mg/m<sup>3</sup> (mist)

OSHA - PEL-TWA: 5 mg/m<sup>3</sup> (mist)

propane

ACGIH TLV-TWA 1000 ppm

OSHA PEL-TWA 1000 ppm

toluene

ACGIH TLV-TWA 20 ppm

OSHA PEL-CEILING 300 ppm

OSHA PEL-PEAK 500 ppm

OSHA PEL-TWA 100 ppm

OSHA TWA-STEL 150 ppm

## 9. Physical And Chemical Properties

**Appearance**

Clear liquid in a pressurized aerosol container.

**Odor**

Mild gasoline-like odor

**Chemical Type:** Mixture

**Physical State:** Liquid

**Boiling Point:** (Liquid portion) 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:** 14 (butyl acetate = 1)

Boiling point of propellants is -12 to -43.2 °F (-24.4 to -41.8 °C)

## 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 (CO<sub>2</sub>).

## 11. Toxicological Information

**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)

isobutane

LC50 (rat) >1.3%, 4-hour exposure; 57%, 15-minute exposure

propane

LC50 (rat) >80%, 15-minute exposure

toluene

LD50 (oral, rat): 2600-7500 mg/kg

LC50 (rat) : 7350 ppm (4-hour exposure)

LD50 (dermal, rabbit): 12225 mg/kg



BKUA482 - BAKOR BLUESKIN SPRAY PREP PRIMER

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

US Consumer Commodity, ORM-D

Canada UN1950, Aerosols,2.1, Ltd. Qty.

IMDG UN1950, Aerosols,2.1, Ltd. Qty.

IATA UN1950, Aerosols,2.1, Ltd. Qty.

15. Regulatory Information

**SARA Hazard Classes**

Sudden Release of Pressure Hazard

**Ingredient(s) - U.S. Regulatory Information**

toluene

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

**Ingredient(s) - State Regulations**

acetone

- New Jersey - Workplace Hazard
- Pennsylvania - Workplace Hazard
- Massachusetts - Hazardous Substance
- New York City - Hazardous Substance

dimethyl ether

- New Jersey - Workplace Hazard
- New Jersey - Environmental Hazard
- New Jersey - Special Hazard
- Pennsylvania - Workplace Hazard
- Massachusetts - Hazardous Substance
- New York City - Hazardous Substance

isobutane

- New Jersey - Workplace Hazard
- New Jersey - Environmental Hazard
- New Jersey - Special Hazard
- Pennsylvania - Workplace Hazard
- Massachusetts - Hazardous Substance
- New York City - Hazardous Substance

propane

- New Jersey - Workplace Hazard
- New Jersey - Environmental Hazard
- New Jersey - Special Hazard
- Pennsylvania - Workplace Hazard
- Massachusetts - Hazardous Substance
- New York City - Hazardous Substance

15. Regulatory Information - Continued

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

toluene

- 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, B5 - Flammable Aerosol, D2B - Toxic.

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

acetone

WHMIS - Ingredient Disclosure List

isobutane

WHMIS - Ingredient Disclosure List

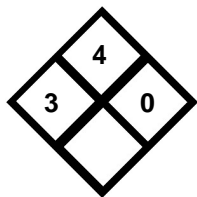
toluene

WHMIS - Ingredient Disclosure List

**WHMIS - Canada (Pictograms)**



**NFPA**



**HMIS**

|                     |   |
|---------------------|---|
| HEALTH              | 3 |
| FLAMMABILITY        | 4 |
| REACTIVITY          | 0 |
| PERSONAL PROTECTION |   |

16. Other Information

**Revision/Preparer Information**

This MSDS Supersedes A Previous MSDS Dated: 12/03/2009

**Disclaimer**

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purposes(s).