



MATERIAL SAFETY DATA SHEET

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BK91001 - BAKOR 910-01 ASPHALT PRIMER

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: 03/01/2011

Product Name: BK91001 - BAKOR 910-01 ASPHALT PRIMER
Product Code: BK91001

Product/Material Uses
Low VOC coating

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
petroleum asphalt	8052-42-4	45 - 65
benzene, 1-chloro-4-(trifluoromethyl)	98-56-6	5 - 15
stoddard solvent	8052-41-3	25 - 35

EMERGENCY OVERVIEW

DANGER! Flammable liquid and vapor. Harmful or fatal if swallowed. Harmful if absorbed through the skin. Pulmonary aspiration hazard. After ingestion, may enter lungs and produce damage. High vapor concentrations may cause drowsiness. Can cause eye, skin and respiratory tract irritation.

3. Hazards Identification

Primary Routes(s) Of Entry
Inhalation, skin contact

Eye Hazards

Liquid may cause severe eye irritation, causing burns and leading to permanent eye damage. High concentrations of vapors are irritating.

Skin Hazards

May cause skin irritation and contact dermatitis upon prolonged contact. Contact with heated product may cause thermal burns.

Ingestion Hazards

Can cause gastrointestinal irritation, nausea and vomiting. Aspiration of material into the lungs may cause chemical pneumonitis, which can be fatal. Harmful if swallowed.



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3. Hazards Identification - Continued

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.

Subchronic (Target Organ Effects)

Central nervous system, kidneys, liver. Skin (dermatitis)

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.

Skin

Remove contaminated clothing and shoes. Wash affected areas with soap and water. Get medical attention if symptoms occur.

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: 105 °F 40 °C

Flash Point Method: TCC

Autoignition Point: 470 °F 253 °C

Flammability Class: Class II

Lower Explosive Limit: 1

Upper Explosive Limit: 7

Fire And Explosion Hazards

Flammable liquid and vapor. Vapors form flammable mixtures in air. Hot asphalt may ignite flammable materials on contact. Hydrogen sulfide may be released when product is heated. Do not direct water on hot asphalt, as it may cause a violent eruption and spreading of the fire.

Extinguishing Media

Chemical foam, carbon dioxide (CO2), dry chemical

Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear. Treat as a highly flammable fuel fire. Evacuate area and fight fire from a safe distance.



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6. Accidental Release Measures

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.

Handling Precautions

Sensitive to static charge. Ground containers when mixing or transferring.

Storage Precautions

Store in a cool, dry, well-ventilated area. Keep away from direct sunlight, high heat, incompatible materials and any sources of ignition. Storage above 122F (55C) may adversely effect product quality.

Work/Hygienic Practices

Avoid repeated or prolonged contact. If rags are used with the product for cleaning, dispose of in a water-filled container. For professional or industrial use only. Follow label instructions. Keep out of the reach of children. Do not breathe vapors. Avoid contact with eyes and skin. Turn off all pilot lights, flames, stoves, heaters, electric motors, welding equipment and other sources of ignition. To prevent build-up of vapors, use adequate natural and/or mechanical ventilation (e.g. open all windows and doors to achieve cross ventilation). Containers may be hazardous when empty. Never use welding or cutting torch on or near container. Do not cut, drill, grind, or expose containers to heat, sparks, static electricity or other source of ignition.

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

petroleum asphalt

OSHA PEL-TWA 5mg/m³

ACGIH TLV-TWA 0.5mg/m³ (Benzene soluble aerosol)

stoddard solvent

ACGIH TLV-TWA 100 ppm


OSHA PEL-TWA 500 ppm



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<p>9. Physical And Chemical Properties</p> <p>Appearance Black Liquid.</p> <p>Odor Petroleum odor</p> <p>Odor Threshold Not established</p> <p>Chemical Type: Mixture Physical State: Liquid Boiling Point: 300-400 °F 149-204 °C Specific Gravity: 0.92 Percent Volatiles: 45 Vapor Density: Heavier than air pH Factor: not applicable Solubility: insoluble in water Evaporation Rate: <1 (butyl acetate = 1)</p>
<p>10. Stability And Reactivity</p> <p>Stability: Stable Hazardous Polymerization: Will not occur</p> <p>Conditions To Avoid (Stability) Avoid extreme temperatures. Keep away from static electricity, ignition sources, heat and flames.</p> <p>Incompatible Materials Avoid contact with strong oxidizing agents, strong acids and strong bases.</p> <p>Hazardous Decomposition Products Toxic and irritating gases, vapors or fumes, carbon monoxide (CO), carbon dioxide (CO₂), oxides of sulfur, hydrogen sulfide.</p> <p>Conditions To Avoid (Polymerization) Product will not undergo polymerization.</p>
<p>11. Toxicological Information</p> <p>Acute Studies Chemical Name ORAL LD50 (rat) DERMAL LD50 (rabbit) INHALATION LC50 (rat) Chlorobenzotrifluoride >6800 mg/kg >2700 mg/kg 4479 ppm</p> <p>Eye Effects Causes severe irritation.</p> <p>Skin Effects Causes irritation and possible allergic skin reaction (from defatting and drying of the skin).</p> <p>Acute Inhalation Effects Causes throat and respiratory tract irritation.</p> <p>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.</p> <p>Miscellaneous Toxicological Information Toxicological testing has not been conducted for this product overall. Available toxicological data for individual</p>

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11. Toxicological Information - Continued	
<p><u>Miscellaneous Toxicological Information - Continued</u> ingredients are summarized below.</p> <p><u>Ingredient(s) - Toxicological Data</u> stoddard solvent 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</p>	
12. Ecological Information	
<p><u>Ecotoxicological Information</u> This product contains components that will normally float on water. These components may be harmful to aquatic organisms and may cause long term adverse effects in the aquatic environment.</p> <p><u>Toxicity - Aquatic And Terrestrial Plants</u> Contains components that are potentially toxic to freshwater and saltwater ecosystems.</p> <p><u>Environmental Fate Information</u> Contains components with the potential to bio-accumulate. No specific information available.</p>	
13. Disposal Considerations	
Dispose in accordance with applicable federal, state and local government regulations.	
14. Transport Information	
DOT Ground (non-bulk) -	Not regulated
DOT Ground (bulk) -	UN1999, Tars, Liquid, combustible liquid, PGIII
TDG (Small) -	Not Regulated
TDG (Large) -	UN1999, Tars, Liquid, 3, PGIII
IMDG -	UN1999, Tars, Liquid, 3, PGIII
IATA -	UN1999, Tars, Liquid, 3, PGIII
<p><u>DOT (Pictograms)</u></p> 	
15. Regulatory Information	
<p><u>SARA Hazard Classes</u> Acute Health Hazard Chronic Health Hazard Fire Hazard</p> <p><u>State Regulations</u> Warning! Asphalt may contain trace amounts of chemicals know to the state of California to cause cancer.</p>	

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15. Regulatory Information - Continued

Ingredient(s) - State Regulations

petroleum asphalt
 California - Proposition 65
 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 Liquid, D2B - Toxic.

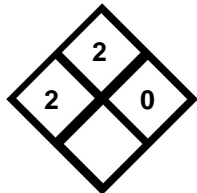
Ingredient(s) - Canadian Regulatory Information

stoddard solvent
 WHMIS - Ingredient Disclosure List

WHMIS - Canada (Pictograms)



NFPA



HMIS

HEALTH	2
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	

16. Other Information

Revision/Preparer Information

This MSDS Supersedes A Previous MSDS Dated: 06/04/2009

Disclaimer

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HENRY COMPANY