



# MATERIAL SAFETY DATA SHEET

## PR100 - ASPHALT ROOF COATING

1. Product And Company Identification	
<b>Supplier</b> <b>HENRY COMPANY</b> <b>909 N. Sepulveda Blvd., Suite 650</b> <b>El Segundo, CA 90245-2724</b>  <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> <b>HENRY COMPANY</b> <b>909 N. Sepulveda Blvd., Suite 650</b> <b>El Segundo, CA 90245-2724</b>  <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> <b>CHEMTREC: (800) 424-9300</b> <b>CHEMTREC: (703) 527-3887</b> <b>CANUTEC: (613) 996-6666</b>	<b>Manufacturer Emergency Contacts &amp; Phone Number</b> <b>CHEMTREC: (800) 424-9300</b> <b>CHEMTREC: (703) 527-3887</b> <b>CANUTEC: (613) 996-6666</b>
<b>Issue Date:</b> 03/29/2010  <b>Product Name:</b> PR100 - ASPHALT ROOF COATING <b>Product Code:</b> PR100	

2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
1,2,4-trimethylbenzene	95-63-6		0.1 - 1
petroleum asphalt	8052-42-4		40 - 60
stoddard solvent	8052-41-3		15 - 25
water	7732-18-5		25 - 35
Substances in this product have been pre-registered in accordance with the REACH Regulation - (EC) No. 1907/2006. See Section 15 for additional information.			

<b>EMERGENCY OVERVIEW</b>
<b>CAUTION! Combustible Liquid. Vapor may cause light-headedness, headache, nausea, loss of coordination and respiratory tract irritation. Causes skin irritation.</b>
<b>Appearance/Odor: Black liquid, petroleum odor</b>

3. Hazards Identification
<b>Primary Routes(s) Of Entry</b> Inhalation
<b>Eye Hazards</b> May cause 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> May be harmful if swallowed. May cause gastric distress, vomiting and diarrhea.



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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.

**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. Call a physician or poison control center immediately.

**Inhalation**

Remove the person from the contaminated area to fresh air. If breathing is difficult, give oxygen. 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:** 109.4 °F 43 °C

**Flash Point Method:** PMCC

**Autoignition Point:** 473 °F 245 °C

**Lower Explosive Limit:** 1

**Upper Explosive Limit:** 7

**Fire And Explosion Hazards**

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

**Extinguishing Media**

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

**Fire Fighting Instructions**

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

6. Accidental Release Measures

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.

7. Handling And Storage

**Handling And Storage Precautions**

Keep containers tightly closed. Store in a cool, dry, well-ventilated area. Do not handle or store near strong oxidants or strong acids. Use only with adequate ventilation.

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## 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 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 or supplied air respirator.

Occupational Exposure Limits for individual ingredients (if available) are listed below.

**Ingredient(s) - Exposure Limits**

1,2,4-trimethylbenzene

ACGIH TLV-TWA 25 ppm

petroleum asphalt

ACGIH TLV-TWA 0.5 mg/m3 (inhalable fraction, as benzene-soluble aerosol)

stoddard solvent

ACGIH TLV-TWA 100 ppm

OSHA PEL-TWA 500 ppm

## 9. Physical And Chemical Properties

**Appearance**

Black Liquid

**Odor**

Petroleum Odor

**Chemical Type:** Mixture

**Physical State:** Liquid

**Boiling Point:** 212-392 °F 100-200 °C

**Specific Gravity:** 0.99

**Percent Volatiles:** 51-57

**Vapor Pressure:** 7 @38°F/100.4°F

**Vapor Density:** 3.9

**pH Factor:** not applicable

**Solubility:** insoluble in water

**Evaporation Rate:** 0.1-0.15

## 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Incompatible Materials**

Avoid contact with strong oxidizing agents and acids.

**Hazardous Decomposition Products**

Toxic and irritating gases, vapors or fumes, carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>).

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11. Toxicological Information

**Chronic/Carcinogenicity**

**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**

1,2,4-trimethylbenzene

LD50 (oral, rat): 5000 mg/kg

LC50 (rat): 18 g/m3 (4-hour exposure)

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

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 or Water Domestic Voyage

Not restricted if shipped in containers <450L (119 gallons)

Restricted if shipped in containers >450L (119 gallons)

US NA1993, Combustible liquid, n.o.s., (Petroleum Distillates mixture), Combustible liquid, III

Canada UN1999, Tars liquid, 3, III

Unless departs >flash point:

Both UN3256, Elevated Temperature liquid, flammable, n.o.s., (Petroleum Distillates mixture), 3, III

IMDG UN1999, Tars 3, III

IATA UN1999, Tars 3, III

**DOT (Pictograms)**



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15. Regulatory Information

**U.S. Regulatory Information**

Asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm.

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

1,2,4-trimethylbenzene  
SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

**Ingredient(s) - State Regulations**

1,2,4-trimethylbenzene  
New Jersey - Workplace Hazard  
New Jersey - Environmental Hazard  
Massachusetts - Hazardous Substance  
New York City - Hazardous Substance  
petroleum asphalt  
New Jersey - Workplace Hazard  
Pennsylvania - Workplace Hazard  
Massachusetts - Hazardous Substance  
New York City - Hazardous Substance  
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: B3 - Combustible Liquid, D2B - Toxic

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

1,2,4-trimethylbenzene  
WHMIS - Ingredient Disclosure List  
stoddard solvent  
WHMIS - Ingredient Disclosure List

**European Union (EU) Regulatory Information**

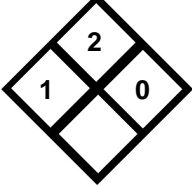
REACH Pre-registration Information:

Substance (CAS#)	Reference Number
Asphalt (8052-42-4)	05-2114366982-36-0000
Stoddard Solvent (8052-41-3)	05-2114367025-53-0000
1,2,4-Trimethylbenzene (95-63-6)	05-2114501851-58-0000
Water	Naturally occurring substance

**WHMIS - Canada (Pictograms)**



### PR100 - ASPHALT ROOF COATING

<u>NFPA</u>	<u>HMIS</u>
	HEALTH <input type="text" value="1"/>
	FLAMMABILITY <input type="text" value="2"/>
	REACTIVITY <input type="text" value="0"/>
	PERSONAL PROTECTION <input type="text"/>

16. Other Information

**Revision/Preparer Information**

**This MSDS Supersedes A Previous MSDS Dated: 03/04/2008**

**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).**