



# MATERIAL SAFETY DATA SHEET

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## PR360 - STOP LEAK RUBBERIZED ROOF CEMENT

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> 11/05/2011  <b>Product Name:</b> PR360 - STOP LEAK RUBBERIZED ROOF CEMENT <b>Product Code:</b> PR360	

2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
petroleum asphalt	8052-42-4		40 - 60
attapulgit	12174-11-7		1 - 5
calcium carbonate	1317-65-3		20 - 30
cellulose fiber	9004-34-6		1 - 5
silica, quartz	14808-60-7		0.5 - 1.5
stoddard solvent	8052-41-3		10 - 20
xylene	1330-20-7		0.1 - 1
Substances in this product that require registration have been pre-registered in accordance with the REACH Regulation - (EC) No. 1907/2006. See Section 15 for additional information. Stoddard Solvent (general CAS# 8052-41-3) is more specifically identified by CAS# 64742-88-7.			

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

3. Hazards Identification
<b>Primary Routes(s) Of Entry</b> Inhalation, Skin Contact
<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. Prolonged contact with liquid may cause dermal

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## 3. Hazards Identification - Continued

**Skin Hazards - Continued**

absorption.

**Ingestion Hazards**

May be harmful if swallowed. May cause gastric distress, vomiting and diarrhea.

**Inhalation Hazards**

Exposure to vapors, dusts or mists 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**

This product or one of its ingredients present at 0.1% or more is listed as a carcinogen by NTP, IARC or OSHA. See Section 11 (Toxicological Information) for more details.

## 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:** 105 °F

**Flash Point Method:** Closed Cup

**Lower Explosive Limit:** 0.9

**Upper Explosive Limit:** 6.0

**Fire And Explosion Hazards**

Combustible Liquid. Vapors are heavier than air and may spread long distances and ignite. Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes.

**Extinguishing Media**

Chemical foam, carbon dioxide (CO<sub>2</sub>), or dry chemical. Do not use direct stream of water.

**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. For large spills, contain runoff and recover by pumping with explosion proof equipment.



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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 oxidants or strong acids. Use only with adequate ventilation.

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 Neoprene or Nitrile to prevent skin contact.

**Respiratory Protection**

This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous particulates. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.

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

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

calcium carbonate

OSHA PEL-TWA 15 mg/m3 (total dust)

OSHA PEL-TWA 5 mg/m3 (respirable dust)

cellulose fiber

ACGIH TLV-TWA 10 mg/m3

silica, quartz

ACGIH TLV-TWA 0.025 mg/m3

OSHA PEL-TWA 30mg/m3 / (%SiO2+2) (total dust)

OSHA PEL-TWA 10 mg/m3/ (%SiO2+2) (respirable dust)

stoddard solvent

ACGIH TLV-TWA 100 ppm

OSHA PEL-TWA 500 ppm

xylene

ACGIH TLV-STEL 150 ppm

ACGIH TLV-TWA 100 ppm

OSHA PEL-TWA 100 ppm

9. Physical And Chemical Properties

**Appearance**

Black Liquid

**Odor**

Strong Petroleum Solvent Odor

**Chemical Type:** Mixture

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## 9. Physical And Chemical Properties - Continued

**Odor - Continued****Boiling Point:** 300-800 °F**Specific Gravity:** 1.07**Percent Volatiles:** <25**Vapor Pressure:** 2@68°F**Vapor Density:** >1**pH Factor:** not applicable**Solubility:** insoluble in water**Evaporation Rate:** <1

## 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>).

## 11. Toxicological Information

**Chronic/Carcinogenicity**

IARC has concluded that the following chemicals in this product are carcinogenic to humans (Group 1): silica, quartz  
ACGIH has designated the following chemicals in this product as suspected human carcinogens (A2): silica, quartz  
NTP has listed the following chemicals in this product as known human carcinogens: silica, quartz

Risk of cancer depends on duration and level of exposure to this product as a dust or aerosol mist.

**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**

calcium carbonate

oral-rat LD50: 6450 mg/kg

cellulose fiber

LD50 (oral, rat): &gt;2000 mg/kg

LC50 (rat): >5800 mg/m<sup>3</sup> (4-hour exposure)

silica, quartz

iv-rat LD50: 500 mg/kg bw/Quartz (10-200 um)

stoddard solvent

oral-rat LD50: &gt;5000 mg/kg

dermal-rabbit LD50: &gt;3000 mg/kg

inhal-rat LC50: >5500 mg/m<sup>3</sup> (880 ppm)

inhal-rat LC50: &gt;1300 ppm

xylene

LD50 (oral, rat): 5400 mg/kg

LD50 (dermal, rabbit): 12180 mg/kg

LC50 (rat): 6350 ppm (4-hour exposure)

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12. Ecological Information
No specific information available.
13. Disposal Considerations
Dispose in accordance with applicable federal, state and local government regulations.
14. Transport Information
<p>Ground or Water Domestic Voyage</p> <p>Not restricted if shipped in containers &lt;450L (119 gallons)          Restricted if shipped in containers &gt;450L (119 gallons)</p> <p>US      NA1993, Combustible liquid, n.o.s., (Petroleum Distillates mixture), Combustible liquid, III</p> <p>Canada UN1999, Tars liquid, 3, III</p> <p>Unless departs &gt; flash point:</p> <p>Both UN3256, Elevated Temperature liquid, flammable, n.o.s., (Petroleum Distillates mixture), 3, III</p> <p>IMDG      IMDG Code 2.3.2.5 - exempted from marking, labeling &amp; testing of packages</p> <p>IATA      UN1999, Tars liquid, 3, III</p> <p><b><u>DOT (Pictograms)</u></b></p> 
15. Regulatory Information
<p><b><u>U.S. Regulatory Information</u></b></p> <p>Asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm.</p> <p><b><u>Ingredient(s) - U.S. Regulatory Information</u></b></p> <p>xylene              SARA Title III - Section 313 Form "R"/TRI Reportable Chemical</p> <p><b><u>Ingredient(s) - State Regulations</u></b></p> <p>petroleum asphalt              New Jersey - Workplace Hazard              Pennsylvania - Workplace Hazard              Massachusetts - Hazardous Substance              New York City - Hazardous Substance</p> <p>attapulgite              California - Proposition 65</p> <p>calcium carbonate              Pennsylvania - Workplace Hazard</p> <p>cellulose fiber              Pennsylvania - Workplace Hazard</p> <p>silica, quartz              New Jersey - Workplace Hazard</p>

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15. Regulatory Information - Continued

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

- Pennsylvania - Workplace Hazard
- California - Proposition 65
- Massachusetts - Hazardous Substance
- stoddard solvent
  - New Jersey - Workplace Hazard
  - Pennsylvania - Workplace Hazard
  - Massachusetts - Hazardous Substance
  - New York City - Hazardous Substance
- xylene
  - New Jersey - Workplace Hazard
  - New Jersey - Environmental Hazard
  - New Jersey - Special Hazard
  - Pennsylvania - Workplace Hazard
  - Pennsylvania - Environmental 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, D2A - Very Toxic

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

- silica, quartz
  - WHMIS - Ingredient Disclosure List
- stoddard solvent
  - WHMIS - Ingredient Disclosure List

**European Union (EU) Regulatory Information**

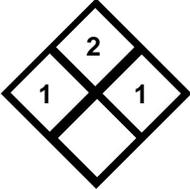
REACH Pre-registration Information:

Substance (CAS#)	Reference Number
Asphalt (8052-42-4)	05-2114366982-36-0000
Stoddard Solvent (64742-88-7)	05-2114367025-53-0000
Calcium Carbonate (1317-65-3)	05-2114501824-55-0000
Cellulose (9004-34-6)	05-2114366989-22-0000
Attapulgate (12174-11-7)	NA-Naturally Occurring Substance

**WHMIS - Canada (Pictograms)**



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<b>NFPA</b> 	<b>HMIS</b> <table border="1"><tr><td>HEALTH</td><td style="text-align: center;">1</td></tr><tr><td>FLAMMABILITY</td><td style="text-align: center;">2</td></tr><tr><td>REACTIVITY</td><td style="text-align: center;">1</td></tr><tr><td>PERSONAL PROTECTION</td><td style="text-align: center;"><input type="text"/></td></tr></table>	HEALTH	1	FLAMMABILITY	2	REACTIVITY	1	PERSONAL PROTECTION	<input type="text"/>
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FLAMMABILITY	2								
REACTIVITY	1								
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16. Other Information

**Revision/Preparer Information**

**This MSDS Supersedes A Previous MSDS Dated: 11/10/2008**

**Disclaimer**

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