HE209 - EXTREME WET PATCH ROOF LEAK REPAIR

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.henry.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.henry.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:** 08/28/2013

**Product Name:** HE209 - EXTREME WET PATCH ROOF LEAK REPAIR  
**Product Code:** HE209

2. Composition/Information On Ingredients

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS Number</th>
<th>Percent Of Total Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,4-trimethylbenzene</td>
<td>95-63-6</td>
<td>5 - 15</td>
</tr>
<tr>
<td>aromatic petroleum distillates</td>
<td>64742-95-6</td>
<td>20 - 30</td>
</tr>
<tr>
<td>petroleum asphalt</td>
<td>8052-42-4</td>
<td>45 - 65</td>
</tr>
<tr>
<td>attapulgite</td>
<td>12174-11-7</td>
<td>10 - 20</td>
</tr>
<tr>
<td>cellulose fiber</td>
<td>9004-34-6</td>
<td>1 - 5</td>
</tr>
<tr>
<td>silica, quartz</td>
<td>14808-60-7</td>
<td>0.1 - 1</td>
</tr>
</tbody>
</table>

Substances in this product have been pre-registered in accordance with the REACH Regulation - (EC) No. 1907/2006. See Section 15 for additional information.

EMERGENCY OVERVIEW

**CAUTION!** Combustible Liquid. Central nervous system depressant. Vapor may cause light-headedness, headache, nausea, loss of coordination and respiratory tract irritation. Causes skin irritation.

**Appearance/Odor:** Black paste, strong petroleum solvent odor

3. Hazards Identification

**Primary Routes(s) Of Entry**
Inhalation

**Eye Hazards**
May cause eye irritation (burning, tearing, redness or swelling).

**Skin Hazards**
May cause skin irritation and contact dermatitis upon prolonged contact. Dermal sensitization may occur from repeated and prolonged exposures.
3. Hazards Identification - Continued

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

**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**
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.

5. Fire Fighting Measures

**Flash Point:** 120 °F
**Flash Point Method:** Setaflash
**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 (CO2), 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

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 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 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.

<table>
<thead>
<tr>
<th>Ingredient(s) - Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,4-trimethylbenzene</td>
</tr>
<tr>
<td>ACGIH TLV-TWA 25 ppm</td>
</tr>
<tr>
<td>aromatic petroleum distillates</td>
</tr>
<tr>
<td>OSHA PEL-TWA 500 ppm</td>
</tr>
<tr>
<td>petroleum asphalt</td>
</tr>
<tr>
<td>ACGIH TLV-TWA 0.5 mg/m³ (inhalable fraction, as benzene-soluble aerosol)</td>
</tr>
<tr>
<td>cellulose fiber</td>
</tr>
<tr>
<td>ACGIH TLV-TWA 10 mg/m³</td>
</tr>
<tr>
<td>silica, quartz</td>
</tr>
<tr>
<td>ACGIH TLV-TWA 0.025 mg/m³</td>
</tr>
<tr>
<td>OSHA PEL-TWA 30 mg/m³ / (%SiO2+2) (total dust)</td>
</tr>
<tr>
<td>OSHA PEL-TWA 10 mg/m³ / (%SiO2+2) (respirable dust)</td>
</tr>
</tbody>
</table>

## 9. Physical And Chemical Properties

### Appearance
Black Paste

### Odor
Strong Petroleum Solvent Odor

### Chemical Type: Mixture

### Boiling Point: 310-400 °F

### Specific Gravity: 1.17

### 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
10. Stability And Reactivity - Continued

**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 (CO2).

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.

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

<table>
<thead>
<tr>
<th>Ingredient(s) - Toxicological Data</th>
<th>LD50 (oral, rat): 5000 mg/kg</th>
<th>LC50 (rat): 18 g/m3 (4-hour exposure)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,4-trimethylbenzene</td>
<td></td>
<td></td>
</tr>
<tr>
<td>aromatic petroleum distillates</td>
<td>LD50 (oral, rat): 2900 mg/kg</td>
<td></td>
</tr>
<tr>
<td>cellulose fiber</td>
<td>LD50 (oral, rat): &gt;2000 mg/kg</td>
<td>LC50 (rat): &gt;5800 mg/m3 (4-hour exposure)</td>
</tr>
<tr>
<td>silica, quartz</td>
<td>iv-rat LD50: 500 mg/kg bw/Quartz (10-200 um)</td>
<td></td>
</tr>
</tbody>
</table>

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 IMDG Code 2.3.2.5 - exempted from marking, labeling & testing of packages
14. Transport Information - Continued

IATA UN1999, Tars liquid, 3, III

**DOT (Pictograms)**

![Pictogram]

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

aromatic petroleum distillates
- New Jersey - Workplace Hazard
- Pennsylvania - Workplace Hazard

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

attapulgite
- California - Proposition 65

cellulose fiber
- Pennsylvania - Workplace Hazard

silica, quartz
- New Jersey - Workplace Hazard
- Pennsylvania - Workplace Hazard
- California - Proposition 65
- Massachusetts - 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**

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

silica, quartz
- WHMIS - Ingredient Disclosure List

**European Union (EU) Regulatory Information**

REACH Pre-registration Information:
15. Regulatory Information - Continued

**European Union (EU) Regulatory Information - Continued**

<table>
<thead>
<tr>
<th>Substance (CAS#)</th>
<th>Reference Number</th>
</tr>
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<tbody>
<tr>
<td>Asphalt (8052-42-4)</td>
<td>05-2114366982-36-0000</td>
</tr>
<tr>
<td>Cellulose (9004-34-6)</td>
<td>05-2114366989-22-0000</td>
</tr>
<tr>
<td>1,2,4-Trimethylbenzene</td>
<td>05-2114501851-58-0000</td>
</tr>
<tr>
<td>1,3,5-Trimethylbenzene</td>
<td>05-2114501879-40-0000</td>
</tr>
<tr>
<td>Attapulgite (12174-11-7)</td>
<td>NA-Naturally Occurring Substanc</td>
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</tbody>
</table>

**WHMIS - Canada (Pictograms)**

<table>
<thead>
<tr>
<th>NFPA</th>
<th>HMIS</th>
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<tbody>
<tr>
<td>2</td>
<td>HEALTH 2</td>
</tr>
<tr>
<td>2</td>
<td>FLAMMABILITY 2</td>
</tr>
<tr>
<td>0</td>
<td>REACTIVITY 0</td>
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<tr>
<td></td>
<td>PERSONAL PROTECTION</td>
</tr>
</tbody>
</table>

16. Other Information

**Revision/Preparer Information**

This MSDS Supersedes A Previous MSDS Dated: 08/26/2010

**Disclaimer**

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