



# MATERIAL SAFETY DATA SHEET

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## HE208 - WET PATCH ROOF CEMENT

1. Product And Company Identification	
<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	<b>Manufacturer Emergency Contacts &amp; Phone Number</b> CHEMTREC: (800) 424-9300
<b>Issue Date:</b> 06/05/2007 <b>Supersedes MSDS Dated:</b> 02/24/2006  <b>Product Name:</b> HE208 - WET PATCH ROOF CEMENT <b>Product Code:</b> HE208	

2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
1,2,4-trimethylbenzene	95-63-6		0.5 - 5
1,3,5-trimethylbenzene	108-67-8		0.5 - 5
aromatic petroleum distillates	64742-95-6		0 - 5
petroleum asphalt	8052-42-4		30 - 60
attapulgite	12174-11-7		7 - 13
calcium carbonate	1317-65-3		15 - 40
cellulose fiber	9004-34-6		3 - 10
amine salt	28701-67-9		0.5 - 5
silica, quartz	14808-60-7		1 - 5
stoddard solvent	8052-41-3		10 - 30
xylene	1330-20-7		0.1 - 1

<b>EMERGENCY OVERVIEW</b>	
<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 paste, strong petroleum solvent 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. Dermal sensitization may occur from repeated and prolonged exposures.
<b>Ingestion Hazards</b> May be harmful if swallowed. May cause gastric distress, vomiting and diarrhea.



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<p>3. Hazards Identification - Continued</p> <p><b><u>Inhalation Hazards</u></b> 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.</p> <p><b><u>Chronic/Carcinogenicity Effects</u></b> 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.</p>
<p>4. First Aid Measures</p> <p><b><u>Eye</u></b> 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.</p> <p><b><u>Skin</u></b> Remove contaminated clothing and shoes. Wash affected areas with soap and water.</p> <p><b><u>Ingestion</u></b> 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.</p> <p><b><u>Inhalation</u></b> Remove the person from the contaminated area to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately.</p>
<p>5. Fire Fighting Measures</p> <p><b>Flash Point:</b> 120 °F <b>Flash Point Method:</b> Setaflash <b>Lower Explosive Limit:</b> 0.9 <b>Upper Explosive Limit:</b> 6.0</p> <p><b><u>Fire And Explosion Hazards</u></b> 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.</p> <p><b><u>Extinguishing Media</u></b> Chemical foam, carbon dioxide (CO2), or dry chemical. Do not use direct stream of water.</p> <p><b><u>Fire Fighting Instructions</u></b> Firefighters should wear self-contained breathing apparatus and full protective gear.</p>
<p>6. Accidental Release Measures</p> <p>Collect and dispose in accordance with applicable regulations.</p>
<p>7. Handling And Storage</p> <p><b><u>Handling And Storage Precautions</u></b> 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. Ground all containers.</p>
<p>8. Exposure Controls/Personal Protection</p> <p><b><u>Engineering Controls</u></b> 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.</p>



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8. Exposure Controls/Personal Protection - Continued

**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.

**Ingredient(s) - Exposure Limits**

1,2,4-trimethylbenzene

ACGIH TLV-TWA 25 ppm

1,3,5-trimethylbenzene

ACGIH TLV-TWA 25 ppm

aromatic petroleum distillates

OSHA PEL-TWA 500 ppm

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 / (%SiO<sub>2</sub>+2) (total dust)

OSHA PEL-TWA 10 mg/m3/ (%SiO<sub>2</sub>+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 Paste

**Odor**

Strong Petroleum Solvent Odor

**Chemical Type:** Mixture

**Physical State:** Solid

**Boiling Point:** 310-400 °F

**Specific Gravity:** 1.14

**Percent Volatiles:** 22


**Vapor Pressure:** 2@68°F

**Vapor Density:** >1

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<p>9. Physical And Chemical Properties - Continued</p> <p><b><u>Odor - Continued</u></b>  <b>pH Factor:</b> not applicable  <b>Solubility:</b> insoluble in water  <b>Evaporation Rate:</b> &lt;1</p>
<p>10. Stability And Reactivity</p> <p><b>Stability:</b> Stable  <b>Hazardous Polymerization:</b> Will not occur</p> <p><b><u>Incompatible Materials</u></b>          Avoid contact with strong oxidizing agents and acids.</p> <p><b><u>Hazardous Decomposition Products</u></b>          Toxic and irritating gases, vapors or fumes, carbon monoxide (CO), carbon dioxide (CO2).</p>
<p>11. Toxicological Information</p> <p><b><u>Chronic/Carcinogenicity</u></b>          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</p> <p>Risk of cancer depends on duration and level of exposure to this product as a dust.</p> <p><b><u>Miscellaneous Toxicological Information</u></b>          Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.</p> <p><b><u>Ingredient(s) - Toxicological Data</u></b></p> <p>1,2,4-trimethylbenzene              LD50 (oral, rat): 5000 mg/kg              LC50 (rat): 18 g/m3 (4-hour exposure)</p> <p>1,3,5-trimethylbenzene              Lethal dose (oral, rat): 23 g/kg lethal to 7 of 10 test animals              LC50 (rat): 24 g/m3 (4-hour exposure)</p> <p>aromatic petroleum distillates              LD50 (oral, rat): 2900 mg/kg</p> <p>calcium carbonate              oral-rat LD50: 6450 mg/kg</p> <p>cellulose fiber              LD50 (oral, rat): &gt;2000 mg/kg              LC50 (rat): &gt;5800 mg/m3 (4-hour exposure)</p> <p>silica, quartz              iv-rat LD50: 500 mg/kg bw/Quartz (10-200 um)</p> <p>stoddard solvent              oral-rat LD50: &gt;5000 mg/kg              dermal-rabbit LD50: &gt;3000 mg/kg              inhal-rat LC50: &gt;5500 mg/m3 (880 ppm)              inhal-rat LC50: &gt;1300 ppm</p> <p>xylene              LD50 (oral, rat): 5400 mg/kg              LD50 (dermal, rabbit): 12180 mg/kg              LC50 (rat): 6350 ppm (4-hour exposure)</p>

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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><b>Proper Shipping Name</b> Combustible Liquid, N.O.S. (petroleum distillates)</p> <p><b>Hazard Class</b> combustible liquid</p> <p><b>DOT Identification Number</b> NA1993</p> <p><b>DOT Shipping Label</b> Combustible Liquid</p> <p><b>Packaging Requirements</b> PGIII</p> <p><b>Additional Shipping Paper Description</b> USDOT Regulated for Bulk Containers (&gt;119 gallons) only</p> <p><b>DOT (Pictograms)</b></p> 
15. Regulatory Information
<p><b>U.S. Regulatory Information</b> Asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm.</p> <p><b>Ingredient(s) - U.S. Regulatory Information</b> 1,2,4-trimethylbenzene SARA Title III - Section 313 Form "R"/TRI Reportable Chemical xylene SARA Title III - Section 313 Form "R"/TRI Reportable Chemical</p> <p><b>Ingredient(s) - State Regulations</b> 1,2,4-trimethylbenzene New Jersey - Workplace Hazard New Jersey - Environmental Hazard Massachusetts - Hazardous Substance New York City - Hazardous Substance 1,3,5-trimethylbenzene New Jersey - Workplace Hazard Massachusetts - Hazardous Substance New York City - Hazardous Substance aromatic petroleum distillates New Jersey - Workplace Hazard Pennsylvania - Workplace Hazard petroleum asphalt</p>

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15. Regulatory Information - Continued

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

- New Jersey - Workplace Hazard
- Pennsylvania - Workplace Hazard
- Massachusetts - Hazardous Substance
- New York City - Hazardous Substance
- attapulgitic
  - California - Proposition 65
- calcium carbonate
  - Pennsylvania - Workplace Hazard
- cellulose fiber
  - Pennsylvania - Workplace Hazard
- silica, quartz
  - New Jersey - Workplace Hazard
  - 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

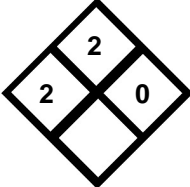
**Ingredient(s) - Canadian Regulatory Information**

- 1,2,4-trimethylbenzene
  - WHMIS - Ingredient Disclosure List
- 1,3,5-trimethylbenzene
  - WHMIS - Ingredient Disclosure List
- silica, quartz
  - WHMIS - Ingredient Disclosure List
- stoddard solvent
  - WHMIS - Ingredient Disclosure List

**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;">2</td></tr><tr><td>FLAMMABILITY</td><td style="text-align: center;">2</td></tr><tr><td>REACTIVITY</td><td style="text-align: center;">0</td></tr><tr><td>PERSONAL PROTECTION</td><td></td></tr></table>	HEALTH	2	FLAMMABILITY	2	REACTIVITY	0	PERSONAL PROTECTION	
HEALTH	2								
FLAMMABILITY	2								
REACTIVITY	0								
PERSONAL PROTECTION									

16. Other Information

**Revision/Preparer Information**

**This MSDS Supersedes A Previous MSDS Dated: 02/24/2006**

**Disclaimer**

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