



# MATERIAL SAFETY DATA SHEET

Page 1 of 7

## 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.	



HE208 - WET PATCH ROOF CEMENT

<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 (CO<sub>2</sub>), 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>



HE208 - WET PATCH ROOF CEMENT

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

## HE208 - WET PATCH ROOF CEMENT

## 9. Physical And Chemical Properties - Continued

**Odor - Continued****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.

**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/m<sup>3</sup> (4-hour exposure)

1,3,5-trimethylbenzene

Lethal dose (oral, rat): 23 g/kg lethal to 7 of 10 test animals

LC50 (rat): 24 g/m<sup>3</sup> (4-hour exposure)

aromatic petroleum distillates

LD50 (oral, rat): 2900 mg/kg

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)

**HE208 - WET PATCH ROOF CEMENT**

12. Ecological Information  
 No specific information available.

13. Disposal Considerations  
 Dispose in accordance with applicable federal, state and local government regulations.

14. Transport Information

**Proper Shipping Name**  
 Combustible Liquid, N.O.S. (petroleum distillates)

**Hazard Class**  
 combustible liquid


**DOT Identification Number**  
 NA1993

**DOT Shipping Label**  
 Combustible Liquid

**Packaging Requirements**  
 PGIII

**Additional Shipping Paper Description**  
 USDOT Regulated for Bulk Containers (>119 gallons) only

**DOT (Pictograms)**



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  
 xylene  
   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  
 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

**HE208 - WET PATCH ROOF CEMENT**

15. Regulatory Information - Continued

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

- New Jersey - Workplace Hazard
- Pennsylvania - Workplace Hazard
- Massachusetts - Hazardous Substance
- New York City - Hazardous Substance
- attapulgitite
  - 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

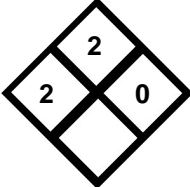
**Ingredient(s) - Canadian Regulatory Information**

- 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)**



**HE208 - WET PATCH ROOF CEMENT**

<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**

**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).**