



# MATERIAL SAFETY DATA SHEET

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## HE208R - SBS RUBBER MODIFIED 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> 03/04/2007 <b>Supersedes MSDS Dated:</b> 10/12/2006  <b>Product Name:</b> HE208R - SBS RUBBER MODIFIED WET PATCH ROOF CEMENT <b>Product Code:</b> HE208R	

2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
1,2,4-trimethylbenzene	95-63-6		0.1 - 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		5 - 10
silica, quartz	14808-60-7		1 - 5
stoddard solvent	8052-41-3		10 - 30
xylene	1330-20-7		0.1 - 1

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 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.
<b>Ingestion Hazards</b> May be harmful if swallowed. May cause gastric distress, vomiting and diarrhea.
<b>Inhalation Hazards</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.

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3. Hazards Identification - Continued

**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 (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

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. Ground all containers.

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.

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CEMENT**

## 8. Exposure Controls/Personal Protection - Continued

**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

**Boiling Point:** 310-400 °F

**Specific Gravity:** 1.12

**Percent Volatiles:** 22

**Vapor Pressure:** 2@68°F

**Vapor Density:** >1

**pH Factor:** not applicable

**Solubility:** insoluble in water

**Evaporation Rate:** <1

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## 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)

## 12. Ecological Information

No specific information available.

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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  
   New Jersey - Workplace Hazard  
   Pennsylvania - Workplace Hazard  
   Massachusetts - Hazardous Substance

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### 15. Regulatory Information - Continued

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

New York City - Hazardous Substance

attapulgit

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

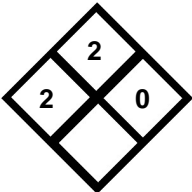
stoddard solvent

WHMIS - Ingredient Disclosure List

#### WHMIS - Canada (Pictograms)



**HE208R - SBS RUBBER MODIFIED 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: 10/12/2006**

**Disclaimer**

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