



# MATERIAL SAFETY DATA SHEET

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## HE208R - SBS RUBBER MODIFIED WET PATCH 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
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<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
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**Issue Date:** 06/10/2010

**Product Name:** HE208R - SBS RUBBER MODIFIED WET PATCH ROOF CEMENT  
**Product Code:** HE208R

### 2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
1,2,4-trimethylbenzene	95-63-6	1 - 5
aromatic petroleum distillates	64742-95-6	1 - 5
petroleum asphalt	8052-42-4	30 - 60
attapulgite	12174-11-7	5 - 15
calcium carbonate	1317-65-3	15 - 35
cellulose fiber	9004-34-6	5 - 15
silica, quartz	14808-60-7	0.1 - 1
stoddard solvent	8052-41-3	10 - 30

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

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3. Hazards Identification - Continued

**Skin Hazards - Continued**

and prolonged exposures.

**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 (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.

**HE208R - SBS RUBBER MODIFIED WET PATCH ROOF CEMENT****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.

**Ingredient(s) - Exposure Limits**

1,2,4-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

**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

**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)

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

## 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 &lt;450L (119 gallons)

Restricted if shipped in containers &gt;450L (119 gallons)

### HE208R - SBS RUBBER MODIFIED WET PATCH ROOF CEMENT

#### 14. Transport Information - Continued

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

IATA UN1999, Tars liquid, 3, III

#### 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

##### 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

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

### HE208R - SBS RUBBER MODIFIED 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

**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**

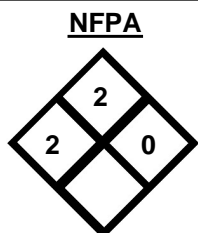
- 1,2,4-trimethylbenzene  
WHMIS - Ingredient Disclosure List
- silica, quartz  
WHMIS - Ingredient Disclosure List
- stoddard solvent  
WHMIS - Ingredient Disclosure List

**European Union (EU) Regulatory Information**

REACH Pre-registration Information:

Substance (CAS#)	Reference Number
Asphalt (8052-42-4)	05-2114366982-36-0000
Stoddard Solvent (8052-41-3)	05-2114367025-53-0000
Calcium Carbonate (1317-65-3)	05-2114501824-55-0000
Cellulose (9004-34-6)	05-2114366989-22-0000
1,2,4-Trimethylbenzene (95-63-6)	05-2114501851-58-0000
1,3,5-Trimethylbenzene (108-67-8)	05-2114501879-40-0000
Xylene (1330-20-7)	05-2114367081-55-0000
Attapulgit (12174-11-7)	NA-Naturally Occurring Substanc

**WHMIS - Canada (Pictograms)**



**HMIS**

HEALTH	2
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	

16. Other Information

**Revision/Preparer Information**

This MSDS Supersedes A Previous MSDS Dated: 05/21/2010



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### Disclaimer

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