



MATERIAL SAFETY DATA SHEET

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HE209 - EXTREME WET PATCH ROOF LEAK REPAIR

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| 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.bakor.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.bakor.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 | | | |
|--|------------|--|-------------------------|
| Ingredient Name | CAS Number | | Percent Of Total Weight |
| 1,2,4-trimethylbenzene | 95-63-6 | | 5 - 15 |
| aromatic petroleum distillates | 64742-95-6 | | 20 - 30 |
| petroleum asphalt | 8052-42-4 | | 45 - 65 |
| attapulgite | 12174-11-7 | | 10 - 20 |
| cellulose fiber | 9004-34-6 | | 1 - 5 |
| silica, quartz | 14808-60-7 | | 0.1 - 1 |
| Substances in this product have been pre-registered in accordance with the REACH Regulation - (EC) No. 1907/2006. See Section 15 for additional information. | | | |

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| 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 | |

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| 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. |



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| <p>3. Hazards Identification - Continued</p> <p><u>Ingestion Hazards</u> May be harmful if swallowed. May cause gastric distress, vomiting and diarrhea.</p> <p><u>Inhalation Hazards</u> 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><u>Chronic/Carcinogenicity Effects</u> 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><u>Eye</u> 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><u>Skin</u> Remove contaminated clothing and shoes. Wash affected areas with soap and water.</p> <p><u>Ingestion</u> 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><u>Inhalation</u> 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>Flash Point: 120 °F Flash Point Method: Setaflash Lower Explosive Limit: 0.9 Upper Explosive Limit: 6.0</p> <p><u>Fire And Explosion Hazards</u> 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><u>Extinguishing Media</u> Chemical foam, carbon dioxide (CO2), or dry chemical. Do not use direct stream of water.</p> <p><u>Fire Fighting Instructions</u> 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><u>Handling And Storage Precautions</u> 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.</p> |

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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)

cellulose fiber

ACGIH TLV-TWA 10 mg/m³

silica, quartz

ACGIH TLV-TWA 0.025 mg/m³

OSHA PEL-TWA 30mg/m³ / (%SiO₂+2) (total dust)

OSHA PEL-TWA 10 mg/m³/ (%SiO₂+2) (respirable dust)

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



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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.

Ingredient(s) - Toxicological Data

1,2,4-trimethylbenzene

LD50 (oral, rat): 5000 mg/kg

LC50 (rat): 18 g/m3 (4-hour exposure)

aromatic petroleum distillates

LD50 (oral, rat): 2900 mg/kg

cellulose fiber

LD50 (oral, rat): >2000 mg/kg

LC50 (rat): >5800 mg/m3 (4-hour exposure)

silica, quartz

iv-rat LD50: 500 mg/kg bw/Quartz (10-200 um)

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

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14. Transport Information - Continued

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
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:

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15. Regulatory Information - Continued

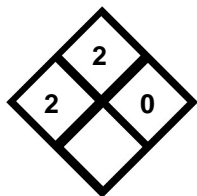
European Union (EU) Regulatory Information - Continued

| Substance (CAS#) | Reference Number |
|-----------------------------------|---------------------------------|
| Asphalt (8052-42-4) | 05-2114366982-36-0000 |
| 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 |
| Attapulgit (12174-11-7) | NA-Naturally Occurring Substanc |

WHMIS - Canada (Pictograms)



NFPA



HMIS

| | |
|---------------------|---|
| HEALTH | 2 |
| FLAMMABILITY | 2 |
| REACTIVITY | 0 |
| PERSONAL PROTECTION | |

16. Other Information

Revision/Preparer Information

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

Disclaimer

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