



MATERIAL SAFETY DATA SHEET

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HE204 - PLASTIC ROOF CEMENT

1. Product And Company Identification	
Manufacturer HENRY COMPANY 909 N. Sepulveda Blvd., Suite 650 El Segundo, CA 90245-2724 Company Contact: Technical Services Telephone Number: (800) 486-1278 Web Site: www.henry.com	Manufacturer Emergency Contacts & Phone Number CHEMTREC: (800) 424-9300
Issue Date: 03/04/2007 Supersedes MSDS Dated: 10/12/2006 Product Name: HE204 - PLASTIC ROOF CEMENT Product Code: HE204	

2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
(+)-PHENDIMETRAZINE			
1,2,4-trimethylbenzene	95-63-6		1 - 5
1,3,5-trimethylbenzene	108-67-8		1 - 5
aromatic petroleum distillates	64742-95-6		5 - 10
petroleum asphalt	8052-42-4		30 - 60
attapulgite	12174-11-7		5 - 10
calcium carbonate	1317-65-3		7 - 13
carbon black	1333-86-4		0 - 1
cellulose fiber	9004-34-6		7 - 13
kaolin	1332-58-7		10 - 30
silica, quartz	14808-60-7		0.5 - 1.5
stoddard solvent	8052-41-3		10 - 30
titanium dioxide	13463-67-7		0.1 - 1
xylene	1330-20-7		0.1 - 1

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.



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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> 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), water fog or dry chemical.</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 containers tightly closed. Store in a cool, dry, well-ventilated area. Do not handle or store near strong oxidants or strong acids. Use only with adequate ventilation.</p>
<p>8. Exposure Controls/Personal Protection</p> <p><u>Engineering Controls</u> 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)

carbon black

ACGIH TLV-TWA 3.5 mg/m3

OSHA PEL-TWA 3.5 mg/m3

cellulose fiber

ACGIH TLV-TWA 10 mg/m3

kaolin

ACGIH TLV-TWA 2 mg/m3

OSHA PEL-TWA 15 mg/m3

OSHA PEL-TWA 5 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)

stoddard solvent

ACGIH TLV-TWA 100 ppm

OSHA PEL-TWA 500 ppm

titanium dioxide

ACGIH TLV-TWA 10 mg/m3 (respirable)

OSHA PEL-TWA 15 mg/m3 (total dust)

xylene

ACGIH TLV-STEL 150 ppm

ACGIH TLV-TWA 100 ppm

OSHA PEL-TWA 100 ppm



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<p>9. Physical And Chemical Properties</p> <p>Appearance Black Paste</p> <p>Odor Strong Petroleum Solvent Odor</p> <p>Chemical Type: Mixture Physical State: Liquid Boiling Point: 310-400 °F Specific Gravity: 1.18 Percent Volatiles: 25 Vapor Pressure: 2@68°F Vapor Density: >1 pH Factor: not applicable Solubility: insoluble in water Evaporation Rate: <1</p>
<p>10. Stability And Reactivity</p> <p>Stability: Stable Hazardous Polymerization: Will not occur</p> <p>Incompatible Materials Avoid contact with strong oxidizing agents and acids.</p> <p>Hazardous Decomposition Products Toxic and irritating gases, vapors or fumes, carbon monoxide (CO), carbon dioxide (CO2).</p>
<p>11. Toxicological Information</p> <p>Chronic/Carcinogenicity IARC has concluded that the following chemicals in this product are carcinogenic to humans (Group 1): silica, quartz IARC has concluded that the following chemicals in this product are possibly carcinogenic to humans (Group 2B): titanium dioxide; carbon black 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>Miscellaneous Toxicological Information Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.</p> <p>Ingredient(s) - Toxicological Data 1,2,4-trimethylbenzene LD50 (oral, rat): 5000 mg/kg LC50 (rat): 18 g/m3 (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/m3 (4-hour exposure) aromatic petroleum distillates LD50 (oral, rat): 2900 mg/kg calcium carbonate oral-rat LD50: 6450 mg/kg carbon black</p>



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11. Toxicological Information - Continued

Ingredient(s) - Toxicological Data - Continued

rat LC50: 6750 mg/m3 4-hr exposure
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)
stoddard solvent
oral-rat LD50: >5000 mg/kg
dermal-rabbit LD50: >3000 mg/kg
inhal-rat LC50: >5500 mg/m3 (880 ppm)
inhal-rat LC50: >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.

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

USDOT Regulated for Bulk Container (>119 gallons) only

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



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15. Regulatory Information - Continued

Ingredient(s) - State Regulations - Continued

- 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
 - New York City - Hazardous Substance
- attapulgite
 - California - Proposition 65
- calcium carbonate
 - Pennsylvania - Workplace Hazard
- carbon black
 - New Jersey - Workplace Hazard
 - Pennsylvania - Workplace Hazard
 - California - Proposition 65
 - Massachusetts - Hazardous Substance
- cellulose fiber
 - Pennsylvania - Workplace Hazard
- kaolin
 - 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
- titanium dioxide
 - New Jersey - Workplace Hazard
 - Pennsylvania - Workplace Hazard
 - 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

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15. Regulatory Information - Continued

Ingredient(s) - State Regulations - Continued

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

carbon black

WHMIS - Ingredient Disclosure List

silica, quartz

WHMIS - Ingredient Disclosure List

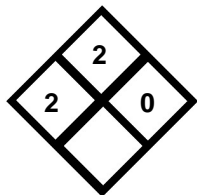
stoddard solvent

WHMIS - Ingredient Disclosure List

WHMIS - Canada (Pictograms)



NFPA



HMS

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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