



# MATERIAL SAFETY DATA SHEET

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## HE785 - ASPHALT EMULSION TROWEL GRADE

1. Product And Company Identification	
<b>Supplier</b> HENRY COMPANY 999 N. Sepulveda Blvd., Suite 800 El Segundo, CA 90245-2716  <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 999 N. Sepulveda Blvd., Suite 800 El Segundo, CA 90245-2716  <b>Company Contact:</b> Technical Services <b>Telephone Number:</b> (800) 486-1278 <b>Web Site:</b> www.henry.com www.bakor.com
<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
<b>Issue Date:</b> 08/16/2013  <b>Product Name:</b> HE785 - ASPHALT EMULSION TROWEL GRADE <b>Product Code:</b> HE785	

2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
asphalt, petroleum	8052-42-4		30 - 50
attapulgite	12174-11-7		1 - 5
bentonite	1302-78-9		1 - 5
kaolin	1332-58-7		5 - 10
silica, quartz	14808-60-7		0.1 - 1
stoddard solvent	8052-41-3		1 - 5
water	7732-18-5		30 - 50
Substances in this product have been pre-registered in accordance with the REACH Regulation - (EC) No. 1907/2006. See Section 15 for additional information.			

<b>EMERGENCY OVERVIEW</b>	
<b>CAUTION!</b> Vapor may cause light-headedness, headache, nausea, loss of coordination and respiratory tract irritation. Causes skin irritation.	
<b>Appearance/Odor:</b> Black dispersion, petroleum and wood-like odor	

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.



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<p>3. Hazards Identification - Continued</p> <p><b><u>Ingestion Hazards</u></b> May be harmful if swallowed. May cause gastric distress, vomiting and diarrhea.</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><b><u>Note To Physician</u></b> Aspiration of liquid into the lungs during swallowing or vomiting can cause lung inflammation, serious lung damage and even death from chemical pneumonitis.</p>
<p>5. Fire Fighting Measures</p> <p><b>Flash Point:</b> &gt;212 °F <b>Flash Point Method:</b> Setaflash <b>Lower Explosive Limit:</b> not available <b>Upper Explosive Limit:</b> not available</p> <p><b><u>Fire And Explosion Hazards</u></b> 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 (CO2), water fog or dry chemical.</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>Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Collect and dispose in accordance with applicable regulations. Avoid runoff to waterways and sewers.</p>
<p>7. Handling And Storage</p> <p><b><u>Handling And Storage Precautions</u></b> 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>



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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**

This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous particulates. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.

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**

asphalt, petroleum

OSHA PEL-TWA 5mg/m3

ACGIH TLV-TWA 0.5mg/m3 (Benzene soluble aerosol)

bentonite

ACGIH TLV-TWA 10 mg/m3 (total dust)

ACGIH TLV-TWA 3 mg/m3 (respirable dust)

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

OSHA PEL-TWA 5 mg/m3 (respirable dust)

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

9. Physical And Chemical Properties

**Appearance**

black dispersion

**Odor**

petroleum and wood-like odor

**Chemical Type:** Mixture

**Physical State:** Liquid

**Boiling Point:** 212 °F

**Specific Gravity:** 1.06

**Percent Volatiles:** 53.5

**Vapor Pressure:** not available



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9. Physical And Chemical Properties - Continued
<b>Odor - Continued</b> <b>Vapor Density:</b> >1 <b>pH Factor:</b> not available <b>Solubility:</b> dispersible <b>Evaporation Rate:</b> <1
10. Stability And Reactivity
<b>Stability:</b> Stable <b>Hazardous Polymerization:</b> Will not occur  <b>Incompatible Materials</b> Avoid contact with strong oxidizing agents and acids.  <b>Hazardous Decomposition Products</b> Toxic and irritating gases, vapors or fumes, carbon monoxide (CO), carbon dioxide (CO2).
11. Toxicological Information
<b>Chronic/Carcinogenicity</b> 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 or aerosol mist.  <b>Miscellaneous Toxicological Information</b> Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.  <b>Ingredient(s) - Toxicological Data</b> 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
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 Not Restricted  IMDG Not Restricted  IATA Not Restricted

**HE785 - ASPHALT EMULSION TROWEL GRADE**

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) - State Regulations**

- asphalt, petroleum
  - California - Proposition 65
- attapulgit
  - California - Proposition 65
- 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

**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: D2A - Very Toxic

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

- silica, quartz
  - WHMIS - Ingredient Disclosure List
- stoddard solvent
  - WHMIS - Ingredient Disclosure List

**European Union (EU) Regulatory Information**

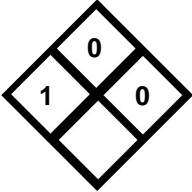
REACH Pre-registration Information:

Substance (CAS#)	Reference Number
Asphalt (8052-42-4)	05-2114366982-36-0000
Bentonite (1302-78-9)	05-2114501887-43-0000
Kaolin (1337-58-7)	05-2114366993-33-0000
Water (7732-18-5)	NA - Naturally Occurring Substance
Attapulgit (12174-11-7)	NA - Naturally Occurring Substance

**WHMIS - Canada (Pictograms)**



### HE785 - ASPHALT EMULSION TROWEL GRADE

<b>NFPA</b> 	<b>HMIS</b> <table border="1"><tr><td>HEALTH</td><td style="text-align: center;">1</td></tr><tr><td>FLAMMABILITY</td><td style="text-align: center;">0</td></tr><tr><td>REACTIVITY</td><td style="text-align: center;">0</td></tr><tr><td>PERSONAL PROTECTION</td><td></td></tr></table>	HEALTH	1	FLAMMABILITY	0	REACTIVITY	0	PERSONAL PROTECTION	
HEALTH	1								
FLAMMABILITY	0								
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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