



# MATERIAL SAFETY DATA SHEET

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## HE295 - METAL SEAM SEALER

1. Product And Company Identification	
<b>Supplier</b> <b>HENRY COMPANY</b> <b>909 N. Sepulveda Blvd., Suite 650</b> <b>El Segundo, CA 90245-2724</b>  <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> <b>HENRY COMPANY</b> <b>909 N. Sepulveda Blvd., Suite 650</b> <b>El Segundo, CA 90245-2724</b>  <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> <b>CHEMTREC: (800) 424-9300</b> <b>CHEMTREC: (703) 527-3887</b> <b>CANUTEC: (613) 996-6666</b>	<b>Manufacturer Emergency Contacts &amp; Phone Number</b> <b>CHEMTREC: (800) 424-9300</b> <b>CHEMTREC: (703) 527-3887</b> <b>CANUTEC: (613) 996-6666</b>
<b>Issue Date:</b> 01/30/2011  <b>Product Name:</b> HE295 - METAL SEAM SEALER <b>Product Code:</b> HE295	

2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
1,2,4-trimethylbenzene	95-63-6		10 - 20
1,3,5-trimethylbenzene	108-67-8		1 - 5
aromatic petroleum distillates	64742-95-6		30 - 50
attapulgite	12174-11-7		1 - 5
calcium carbonate	1317-65-3		10 - 20
cellulose fiber	9004-34-6		1 - 5
diethylbenzene	25340-17-4		1 - 5
ethyl benzene	100-41-4		0.1 - 1
rubber compounds	NA - Mixture		15 - 25
silica, quartz	14808-60-7		0.1 - 1
titanium dioxide	13463-67-7		5 - 15
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.**

**Appearance/Odor: Creamy, white liquid, strong petroleum solvent 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).

**HE295 - METAL SEAM SEALER****3. Hazards Identification - Continued****Skin Hazards**

May cause skin irritation and contact dermatitis upon prolonged contact.

**Ingestion Hazards**

May be harmful if swallowed.

**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.

**Note To Physician**

Aspiration of liquid into the lungs during swallowing or vomiting can cause lung inflammation, serious lung damage and even death from chemical pneumonitis.

**5. Fire Fighting Measures**

**Flash Point:** 105 °F 40.5 °C

**Flash Point Method:** Setaflash

**Flammability Class:** Class II

**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**

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. For large spills, contain runoff and recover by pumping with explosion proof equipment.



HE295 - METAL SEAM SEALER

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.

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**

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

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

ethyl benzene

ACGIH TLV-STEL 125 ppm

ACGIH TLV-TWA 100 ppm

OSHA PEL-TWA 100 ppm

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)

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

**HE295 - METAL SEAM SEALER**

9. Physical And Chemical Properties

**Appearance**  
Creamy, white liquid

**Odor**  
Strong petroleum solvent odor

**Chemical Type:** Mixture  
**Physical State:** Liquid  
**Boiling Point:** 310-400 °F 154-204 °C  
**Specific Gravity:** 1.13  
**Percent Volatiles:** 47  
**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

**Incompatible Materials**  
Avoid contact with strong oxidizing agents and acids.

**Hazardous Decomposition Products**  
Toxic and irritating gases, vapors or fumes of aluminum, 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.  
 IARC has concluded that the following chemicals in this product are possibly carcinogenic to humans (Group 2B): titanium dioxide  
 NTP has listed the following chemicals in this product as known human carcinogens: silica, quartz.  
 ACGIH has designated the following chemicals in this product as suspected human carcinogens (A2): silica, quartz.  
 ACGIH has designated the following chemicals in this product as confirmed animal carcinogens with unknown relevance to humans (A3): ethylbenzene

Risk of cancer depends on duration and level of exposure to this product as a dust or aerosol mist.

**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)  
 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

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11. Toxicological Information - Continued

**Ingredient(s) - Toxicological Data - Continued**

oral-rat LD50: 6450 mg/kg  
 cellulose fiber  
 LD50 (oral, rat): >2000 mg/kg  
 LC50 (rat): >5800 mg/m3 (4-hour exposure)  
 diethylbenzene  
 LD50 (oral, rat): 1200 mg/kg  
 ethyl benzene  
 LC50 (rat) approximately 4000 ppm (4 hour)  
 LD50 (oral rat) 3500 mg/kg  
 LD50 (dermal rabbit) 15380 mg/kg (17.8 mL/kg)  
 silica, quartz  
 iv-rat LD50: 500 mg/kg bw/Quartz (10-200 um)  
 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

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

IATA UN1999, Tars liquid, 3, III

**DOT (Pictograms)**





HE295 - METAL SEAM SEALER

15. Regulatory Information

**U.S. Regulatory Information**

Warning: This product contains a substance(s) known to the State of California to cause cancer.

**Ingredient(s) - U.S. Regulatory Information**

1,2,4-trimethylbenzene

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

ethyl benzene

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

attapulgit

California - Proposition 65

calcium carbonate

Pennsylvania - Workplace Hazard

cellulose fiber

Pennsylvania - Workplace Hazard

diethylbenzene

New Jersey - Workplace Hazard

New York City - Hazardous Substance

ethyl benzene

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

silica, quartz

New Jersey - Workplace Hazard

Pennsylvania - Workplace Hazard

California - Proposition 65

Massachusetts - Hazardous Substance

titanium dioxide

New Jersey - Workplace Hazard

Pennsylvania - Workplace Hazard

New York City - Hazardous Substance

xylene

New Jersey - Workplace Hazard

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15. Regulatory Information - Continued

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

- 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

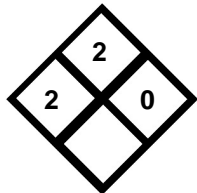
**Ingredient(s) - Canadian Regulatory Information**

- 1,2,4-trimethylbenzene  
WHMIS - Ingredient Disclosure List
- 1,3,5-trimethylbenzene  
WHMIS - Ingredient Disclosure List
- silica, quartz  
WHMIS - Ingredient Disclosure List

**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: 03/04/2008**

Disclaimer

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