



MATERIAL SAFETY DATA SHEET

Page 1 of 7

HE555 - ALUMINUM ROOF COATING

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 www.bakor.com	Manufacturer Emergency Contacts & Phone Number CHEMTREC: (800) 424-9300 CHEMTREC: (703) 527-3887 CANUTEC: (613) 996-6666
Issue Date: 03/04/2008 Supersedes MSDS Dated: 05/13/2005 Product Name: HE555 - ALUMINUM ROOF COATING Product Code: HE555	

2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
1,2,4-trimethylbenzene	95-63-6		1 - 5
1,3,5-trimethylbenzene	108-67-8		1 - 5
aluminum	7429-90-5		10 - 30
aromatic petroleum distillates	64742-95-6		30 - 60
petroleum asphalt	8052-42-4		15 - 40
cellulose fiber	9004-34-6		3 - 7
stoddard solvent	8052-41-3		30 - 60
xylene	1330-20-7		1 - 5

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 liquid with silver pigment, 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.
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.

HE555 - ALUMINUM ROOF COATING**3. Hazards Identification - Continued****Chronic/Carcinogenicity Effects**

None of the ingredients of this product comprising over 0.1% are classified as carcinogenic according to OSHA, National Toxicology Program (NTP), International Agency for Research on Cancer (IARC) or the American Conference of Governmental Industrial Hygienists (ACGIH).

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

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 (CO₂), 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.

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.

HE555 - ALUMINUM ROOF COATING

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

Chemical splash goggles or faceshield over safety glasses 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

aluminum

ACGIH TLV-TWA 10 mg/m³

OSHA PEL-TWA 15 mg/m³ (total dust)

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

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

stoddard solvent

ACGIH TLV-TWA 100 ppm

OSHA PEL-TWA 500 ppm

xylene

ACGIH TLV-STEL 150 ppm

ACGIH TLV-TWA 100 ppm

OSHA PEL-TWA 100 ppm

9. Physical And Chemical Properties

Appearance

Black liquid with silver pigment

Odor

Strong petroleum solvent odor

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: 310-400 °F

HE555 - ALUMINUM ROOF COATING

<p>9. Physical And Chemical Properties - Continued</p> <p><u>Odor - Continued</u> Specific Gravity: 1.00 Percent Volatiles: <54.7 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><u>Incompatible Materials</u> Avoid contact with strong oxidizing agents and acids.</p> <p><u>Hazardous Decomposition Products</u> Toxic and irritating gases, vapors or fumes of aluminum, carbon monoxide (CO), carbon dioxide (CO2).</p>
<p>11. Toxicological Information</p> <p><u>Miscellaneous Toxicological Information</u> Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.</p> <p><u>Ingredient(s) - Toxicological Data</u> 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 cellulose fiber LD50 (oral, rat): >2000 mg/kg LC50 (rat): >5800 mg/m3 (4-hour exposure) 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)</p>
<p>12. Ecological Information</p> <p>No specific information available.</p>

HE555 - ALUMINUM ROOF COATING

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 UN1999, Tars liquid, 3, III
 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
 aluminum
 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
 aluminum
 New Jersey - Workplace Hazard

HE555 - ALUMINUM ROOF COATING

15. Regulatory Information - Continued

Ingredient(s) - State Regulations - Continued

New Jersey - Environmental Hazard
Pennsylvania - Workplace Hazard
Pennsylvania - 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
cellulose fiber
Pennsylvania - Workplace Hazard
stoddard solvent
New Jersey - Workplace Hazard
Pennsylvania - Workplace Hazard
Massachusetts - Hazardous Substance
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
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, D2B - Toxic

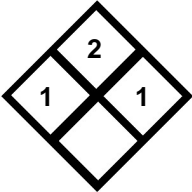
Ingredient(s) - Canadian Regulatory Information

1,2,4-trimethylbenzene
WHMIS - Ingredient Disclosure List
1,3,5-trimethylbenzene
WHMIS - Ingredient Disclosure List
stoddard solvent
WHMIS - Ingredient Disclosure List

WHMIS - Canada (Pictograms)



HE555 - ALUMINUM ROOF COATING

NFPA	HMIS								
	<table border="1"><tr><td>HEALTH</td><td style="text-align: center;">1</td></tr><tr><td>FLAMMABILITY</td><td style="text-align: center;">2</td></tr><tr><td>REACTIVITY</td><td style="text-align: center;">1</td></tr><tr><td>PERSONAL PROTECTION</td><td></td></tr></table>	HEALTH	1	FLAMMABILITY	2	REACTIVITY	1	PERSONAL PROTECTION	
HEALTH	1								
FLAMMABILITY	2								
REACTIVITY	1								
PERSONAL PROTECTION									

16. Other Information

Revision/Preparer Information

This MSDS Supersedes A Previous MSDS Dated: 05/13/2005

Disclaimer

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purposes(s).