



MATERIAL SAFETY DATA SHEET

HE555FR - ALUMINUM ROOF COATING

1. Product And Company Identification	
Supplier 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 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
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: 02/25/2011 Product Name: HE555FR - ALUMINUM ROOF COATING Product Code: HE555FR	

2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
1,2,4-trimethylbenzene	95-63-6		1 - 5
aluminum	7429-90-5		10 - 20
aromatic petroleum distillates	64742-95-6		1 - 5
petroleum asphalt	8052-42-4		20 - 40
expanded perlite	93763-70-3		5 - 10
stoddard solvent	8052-41-3		20 - 40
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.



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3. Hazards Identification - Continued

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

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 45.5 °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 (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.



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<p>7. Handling And Storage</p> <p>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.</p>
<p>8. Exposure Controls/Personal Protection</p> <p>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.</p> <p>Eye/Face Protection Chemical splash goggles or faceshield over safety glasses or goggles recommended.</p> <p>Skin Protection Use with chemical-protective gloves to prevent skin contact.</p> <p>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.</p> <p>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.</p> <p>Occupational Exposure Limits for individual ingredients (if available) are listed below.</p> <p>Ingredient(s) - Exposure Limits 1,2,4-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) expanded perlite OSHA PEL-TWA 15 mg/m3 (total dust) OSHA PEL-TWA 5 mg/m3 (respirable dust) 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</p>
<p>9. Physical And Chemical Properties</p> <p>Appearance Black liquid with silver pigment</p>

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9. Physical And Chemical Properties - Continued

Odor

Strong petroleum solvent odor

Chemical Type: Mixture**Physical State:** Liquid**Boiling Point:** 310-400 °F 154-204 °C**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

10. Stability And Reactivity

Stability: Stable**Hazardous Polymerization:** Will not occur**Incompatible Materials**

Avoid contact with strong oxidizing agents and acids.

Hazardous Decomposition ProductsToxic and irritating gases, vapors or fumes of aluminum, carbon monoxide (CO), carbon dioxide (CO₂).

11. Toxicological Information

Chronic/Carcinogenicity

None of the ingredients present in this product, at concentrations equal to or greater than 0.1%, have been determined to be carcinogenic by IARC, NTP, OSHA, or ACGIH.

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

expanded perlite

LD50 (oral, mouse): 13000 mg/kg

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)

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12. Ecological Information
No specific information available.
13. Disposal Considerations
Dispose in accordance with applicable federal, state and local government regulations.
14. Transport Information
<p>Ground or Water Domestic Voyage</p> <p>Not restricted if shipped in containers <450L (119 gallons)</p> <p>Restricted if shipped in containers >450L (119 gallons)</p> <p>US NA1993, Combustible liquid, n.o.s., (Petroleum Distillates mixture), Combustible liquid, III</p> <p>Canada UN1999, Tars liquid, 3, III</p> <p>Unless departs >flash point:</p> <p>Both UN3256, Elevated Temperature liquid, flammable, n.o.s., (Petroleum Distillates mixture), 3, III</p> <p>IMDG UN1999, Tars liquid, 3, III</p> <p>IATA UN1999, Tars liquid, 3, III</p> <p><u>DOT (Pictograms)</u></p> 
15. Regulatory Information
<p><u>U.S. Regulatory Information</u></p> <p>Asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm.</p> <p><u>Ingredient(s) - U.S. Regulatory Information</u></p> <p>1,2,4-trimethylbenzene SARA Title III - Section 313 Form "R"/TRI Reportable Chemical</p> <p>aluminum SARA Title III - Section 313 Form "R"/TRI Reportable Chemical</p> <p>xylene SARA Title III - Section 313 Form "R"/TRI Reportable Chemical</p> <p><u>Ingredient(s) - State Regulations</u></p> <p>1,2,4-trimethylbenzene New Jersey - Workplace Hazard New Jersey - Environmental Hazard Massachusetts - Hazardous Substance New York City - Hazardous Substance</p> <p>aluminum New Jersey - Workplace Hazard New Jersey - Environmental Hazard</p>

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15. Regulatory Information - Continued

Ingredient(s) - State Regulations - Continued

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
expanded perlite
Massachusetts - Hazardous Substance
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

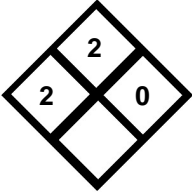
Ingredient(s) - Canadian Regulatory Information

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

WHMIS - Canada (Pictograms)



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<u>NFPA</u> 	<u>HMIS</u> <table border="1"><tr><td>HEALTH</td><td style="text-align: center;">2</td></tr><tr><td>FLAMMABILITY</td><td style="text-align: center;">2</td></tr><tr><td>REACTIVITY</td><td style="text-align: center;">0</td></tr><tr><td>PERSONAL PROTECTION</td><td style="text-align: center;"><input type="text"/></td></tr></table>	HEALTH	2	FLAMMABILITY	2	REACTIVITY	0	PERSONAL PROTECTION	<input type="text"/>
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16. Other Information

Revision/Preparer Information

This MSDS Supersedes A Previous MSDS Dated: 03/04/2008

Disclaimer

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