



Material Safety Data Sheet # 337

Hercules Chemical Company Inc.
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NFPA	HMIS	PPE	Transport Symbol						
	<table border="1"><tr><td>Health Hazard</td><td>2</td></tr><tr><td>Fire Hazard</td><td>2</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health Hazard	2	Fire Hazard	2	Reactivity	0		
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Preparation Date April 27, 2007

Revision Date Jan. 20, 2011

Revision Number 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identity: HERCULES ROOF & FLASHING SEALANT

Intended Use: Roof Sealant

Manufacturer: Hercules Chemical Company, Inc.
111 South Street
Passaic, New Jersey 07055-7398

Information Telephone: (800) 221-9330

Internet: <http://www.herchem.com>

Emergency Phone: CHEMTREC: (800) 424-9300

MSDS Date of Preparation: 03/23/2007

2. HAZARDS IDENTIFICATION

Combustible viscous paste with mild petroleum odor.

EMERGENCY OVERVIEW

Fumes from the product can be unpleasant, may cause nausea, headache and irritation to eyes, skin and respiratory tract.

Potential Health Effects.

Inhalation: Inhalation of high vapor concentration can cause dizziness, headaches, and even loss of consciousness.

Ingestion: DO NOT INDUCE VOMITING. If vomiting occurs, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.

Eye: May cause eye irritation.

Skin: Prolonged skin contact can lead to dry and irritated skin possibly causing dermatitis.

HMIS Hazard Rating: 2 2 0 C

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS #	Weight %
Asphalt	8052-42-4	30-80
Aliphatic hydrocarbons	8052-41-3	3-40
Amorphous Alumina Silicates	93763-70-3	0-20
Attapulgite Clay	12174-11-7	0-20
Cellulosic Fibers	9004-34-6	0-15
Polymers	9003-55-8	0-20
Cationic Salts	28701-67-9	0-3

4. EMERGENCY AND FIRST AID PROCEDURES.

Eye: Immediately flush victim's eyes with large quantities of water, for 15 minutes, holding the eyelids apart. Get medical attention if irritation persists.

Skin: Wash with soap and water. Remove contaminated clothing and do not reuse until laundered. If persistent irritation occurs, get medical attention.

Inhalation: Remove the victim to fresh air, if experiencing problem breathing, give oxygen. Give artificial respiration if not breathing, Get Medical attention. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Flashpoint: 104°F (40°C) PMCC

Flammable Limits: LEL 1.0, LEL 7.0

Autoignition Temperature: Not applicable

Extinguishing Media: Water fog, Foam, Dry Chemical, Carbon Dioxide

Unusual Fire or Explosion Hazards: When heated above flash point, material will release flammable vapors which can burn or be explosive in confined spaces if ignited. Do not mix with strong oxidants such as liquid chlorine or concentrated oxygen.

Special Fire-Fighting Instructions: Firefighters and others, who might be exposed to products of combustion, should wear positive pressure self-contained breathing apparatus and full protective clothing.

Hazardous Combustion Products: Carbon monoxide and Carbon Dioxide.

6. ACCIDENTAL RELEASE MEASURES

Spills/Leak Control: Eliminate all sources of ignition and ventilate the area. Soak up with non-combustible absorbent material like clay or vermiculite. Place in marked containers for proper disposal.

Keep products out of sewers and waterways.

7. HANDLING AND STORAGE

Handling: Keep away from heat and open flames. Keep containers tightly closed. Use with adequate ventilation

Storage: Store in a cool, dry place with adequate ventilation. Do not store in temperatures above 120 deg. F. Store large quantities in buildings designed for storage of NFPA combustible liquids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: None required in well ventilated areas. In confined spaces wear a NIOSH approved respirator for organic vapors.

Engineering Controls: Use with general or local exhaust ventilation.

Skin Protection: Wear protective gloves where prolonged contact is anticipated.

Eye Protection: Safety glasses.

Component	CAS #	OSHA PEL	ACGIH TLV	Other limits
Asphalt	8052-42-4	N.E.	5 mg/m ³	5 mg/m ³ (NIOSH)
Aliphatic hydrocarbons	8052-41-3	100 ppm	100 ppm	350 mg/m ³ (NIOSH)
Amorphous Alumina Silicates	93763-70-3	15 mg/m ³	10 mg/m ³	N/A
Attapulgitte Clay	12174-11-7	N/A	5 mg/m ³	N/A
Cellulosic Fibers	9004-34-6	5 mg/m ³	5 mg/m ³	N/A
Polymers	9003-55-8	N/A	N/A	N/A
Cationic Salts	28701-67-9	N/A	N/A	N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance And Odor: Black viscous Paste with mild odor.	Boiling Point: 300-350°F
Physical State: Liquid	Vapor Pressure: 3
Vapor Density (Air=1): 3.9	Evaporation Rate (Butyl Acetate=1)@77F: 0.2
Solubility In Water: insoluble	Volatile Components: 300 g/l
Specific Gravity: 0.8 - 1.0	Viscosity: Viscous
Melting Point: N/A	pH: N/A

10. STABILITY AND REACTIVITY

Stability: Stable.

Conditions to avoid: Keep away from heat, spark, and open flames.

Incompatibility: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, nitrogen oxides, smoke and fumes.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Product may cause respiratory irritation, headache, dizziness, nausea and vomiting. Prolonged or repeated contact with skin may cause dermatitis.

Sensitization: None.

Chronic: Possible skin and eye irritant.

Carcinogenicity: NTP: No, IARC: No, OSHA: No.

Mutagenicity: Not mutagenic.

Medical Conditions Aggravated by Exposure: Pre-existing skin disease may be aggravated.

Reproductive Toxicity: None.

Acute Toxicity Values: Not determined.

12. ECOLOGICAL INFORMATION

Product has not been tested for ecotoxicity

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with Federal, State, and Local regulations.

14. TRANSPORT INFORMATION

Not regulated for ground transport. For other modes of transportation, consult 49 CFR

15. REGULATORY INFORMATION

SARA TITLE III – EPA Regulation 40 CFR 302 (CERCLA Section 102); CFR 355 (SARA Section 301-304); CFR 372 (SARA Section 311 – 313) – NOT APPLICABLE

This product contains the following chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372.

1,2,4 – Trimethylbenzene CAS # 95-63-6 Weight % 0 - 2

EPA HAZARD CLASSIFICATION CODE:

Acute Hazard: N/A

Chronic Hazard: N/A

Fire Hazard: N/A

Pressure Hazard: N/A

Reactive Hazard: N/A

TSCA Inventory: All the components in this product are listed on the TSCA and DSL inventory list.

16. OTHER INFORMATION**DISCLAIMER:**

The information herein has been compiled from sources believed to be reliable, up-to-date, and is accurate to the best of our knowledge. However, Hercules cannot give any guarantees regarding information from other sources, and expressly does not make warranties, nor assumes any liability for its use.