



Material Safety Data Sheet - OSHA 174

Materials Safety Data Sheet
May be used to comply with OSHA's Hazard
Communication Standard, 29 CFR 1910.1200.
Standard must be consulted for specific requirements.

US Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form) Form Approved OMB No.
1218-0072

H.M.I.S. RATING	
Health	2
Flammability	2
Reactivity	0
Protective Equip.	A

Last Rev Date: 04/28/2004

HE208 - WET PATCH™ ROOF CEMENT

Section I

Manufacturer's Name

HENRY COMPANY

Emergency Telephone

800-486-1278

Telephone

800-486-1278

Address

HENRY COMPANY
2911 Slauson Ave
HUNTINGTON PARK, CA 90255

Primary Contact

Technical Services

Email

techservices@henry.com

NFPA

704

Preparer's Signature

Section II Hazardous Ingredients / Identity Information

Hazardous Component	CAS#	OSHA PEL	AGGIH TL	Other Limits	Percent
Trimethylbenzene	25551.13.7	25 ppm	25 ppm	F1	
Notes: F1: Product Contains <8% Trimethylbenzene					
Asphalt	8052.42.4	10 ppm	5 mg/m3	15 ppm TWA-STEL	
Isopropanol (2-Propanol), Isopropyl Alcohol	67.63.0	400 ppm	400 ppm		
Petroleum Solvent (Mineral Spirits)	8052.41.3	2950 mg/m3	100 ppm		

Comments: There are no S.A.R.A. 313 ingredients in this material in excess of Deminimus amounts. "Asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm."

Section III Physical / Chemical Characteristics

Boiling Point

310-400 F

Melting Point

N/A

Max VOC (g/l)

300

Vapor Pressure (mm Hg)

2@ 68F

Evaporation Rate (Butyl Acetate=1)

<1

Max VOS (lbs/gal)

2.5

Vapor Density (Air=1)

>1

Weight Per Gallon

9.5

% Water Volume

0

Color

Black

Solubility in Water

Not soluble

% Water Weight

0

Odor

Strong petroleum solvent

Appearance

Black fluid

% Volatile

22

Density

9.5

PH

N/A

Section IV Fire and Explosion Hazard Data

Flash Point Method	Flash Point Temperature	LEL Flammable Limit	UEL Flammable Limit
SETA	105°F	0.9	6.0

Extinguishing Media

Foam, CO2, Dry Chemical, Water Fog, Spray (Water), Sand, Earth

Fire Fighting Procedures

Firemen should wear MSHA/NIOSH approved self-contained apparatus to protect against inhalation of combustion products.

Additional Procedures

During emergency conditions, overexposure to decomposition products may cause a health hazard. Keep containers tightly closed when not in use.

Unusual Fire and Explosion Hazards

Do not mix store with strong oxidants like liquid chlorine or oxygen. Keep containers tightly closed. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

Section V Reactivity Data

Stability	Conditions to Avoid
Material is Stable	N/A

Incompatibility (Materials to Avoid)

Strong Oxidants

Hazardous Decompositions or Byproducts

Fumes, Smoke, CO2, Carbon Monoxide if combustion is incomplete

Hazardous Polymerization

Conditions to Avoid

May Not Occur

N/A

Section VI Health Hazard Data

Routes of Entry:

If in Eyes

Symptoms

- Eye irritation.
- Burning of eyes.

Emergency and First Aid Procedures

- Flush gently with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get immediate medical attention.

If Ingested

Symptoms

- Gastrointestinal irritation.
- Nausea, vomiting, diarrhea.

Emergency and First Aid Procedures

- Do not induce vomiting. Call doctor immediately.

If Inhaled

Symptoms

- Dizziness, headaches, even unconsciousness or death.

Emergency and First Aid Procedures

- Remove from vapor immediately and if breathing is difficult, administer oxygen.
- If overcome, call physician.
- If breathing has stopped or is irregular, start resuscitation or administer oxygen, as needed.

If on Skin

Symptoms

- Moderate irritation.
- Defatting.
- Dermatitis.

Emergency and First Aid Procedures

- Remove contaminated clothes and wash with a waterless handcleaner or soap and water.

Section VII Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled:

Remove sources of ignition. Keep people away. Recover free liquid. Add absorbent sand, earth, sawdust, etc to spill area. Avoid breathing vapors. Ventilate confined spaces. Open all windows and doors. Keep products out of sewers and watercourses.

Waste Disposal Method:

Assure conformity with applicable disposal regulations

Precautions for Handling and Storage:

Do not store near open flame or high heat sources.

Other Precautions:

Avoid breathing vapors. Avoid prolonged or repeated contact with skin. Remove contaminated clothing and launder before reuse. Remove contaminated shoes and thoroughly dry before reuse. Wash skin thoroughly with soap and water after contact.

Section VIII Control Measures

Ventilation

Local Exhaust

Face velocity 60 fpm

Mechanical (General)

N/A

Special Ventilation

Use only with adequate ventilation

Other

N/A

Protective Equipment Required

Respirator

Use with adequate ventilation.

Gloves

Chemical resistant gloves

Goggles

Splash goggles or face shield

Clothing

Chemical resistant apron

Work Hygienic Practices

Practice good work hygiene

Section IX Special Precautions for Safe Handling and Storage

Precautions for Handling and Storage

KEEP AWAY FROM SOURCES OF IGNITION

Other Precautions

Close air intakes on roof until solvent odor dissipates.

Section X Transportation Data

By Ground

Non-Bulk

DOT Not Regulated	Shipping Name		
Hazard Class	Label Required None	UN# None	Packaging Group

Hot-Bulk

DOT Not Applicable	Shipping Name		
Hazard Class	Label Required	UN#	Packaging Group

Cold-Bulk

DOT Not Applicable	Shipping Name		
Hazard Class	Label Required	UN#	Packaging Group

By Water

Non-Bulk

IMDG Regulated	Shipping Name Flammable liquid, n.o.s., (Petroleum Distillates), 3, UN1993, III		
Hazard Class 3	Label Required Flammable Liquid	UN# 1993	Packaging Group

Hot-Bulk

IMDG Not Applicable	Shipping Name		
Hazard Class	Label Required	UN#	Packaging Group

Cold-Bulk

IMDG Not Applicable	Shipping Name		
Hazard Class	Label Required	UN#	Packaging Group

Section X Transportation Data

By Air

Non-Bulk

IATA Regulated	Shipping Name Flammable liquid, n.o.s., (Petroleum Distillates), 3, UN1993, III		
Hazard Class 3	Label Required Flammable Liquid	UN# 1993	Packaging Group III

Hot-Bulk

IATA Not Applicable	Shipping Name		
Hazard Class	Label Required	UN#	Packaging Group

Cold-Bulk

IATA Not Applicable	Shipping Name		
Hazard Class	Label Required	UN#	Packaging Group

State Addendum

Ingredient	CAS Number	Notes
Trimethylbenzene	25551.13.7	A Florida Toxic Substances List material
Trimethylbenzene	25551.13.7	A Massachusetts Hazardous Substance List material
Trimethylbenzene	25551.13.7	A Minnesota Hazardous Substance List material
Trimethylbenzene	25551.13.7	A Pennsylvania Hazardous Substance List material
Trimethylbenzene	25551.13.7	A Washington State Permissible Exposure for Air Contaminants material
Isopropanol (2-Propanol), Isopropyl Alcohol	67.63.0	A Florida Toxic Substances List material
Isopropanol (2-Propanol), Isopropyl Alcohol	67.63.0	A Massachusetts Hazardous Substance List material
Isopropanol (2-Propanol), Isopropyl Alcohol	67.63.0	A Minnesota Hazardous Substance List material
Isopropanol (2-Propanol), Isopropyl Alcohol	67.63.0	A New Jersey RTK Hazardous Substance List material
Isopropanol (2-Propanol), Isopropyl Alcohol	67.63.0	A Pennsylvania Hazardous Substance List material
Isopropanol (2-Propanol), Isopropyl Alcohol	67.63.0	A Washington State Permissible Exposure for Air Contaminants material
Petroleum Solvent (Mineral Spirits)	8052.41.3	A Florida Toxic Substances List material
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Petroleum Solvent (Mineral Spirits)	8052.41.3	A Washington State Permissible Exposure for Air Contaminants material
Asphalt	8052.42.4	A Florida Toxic Substances List material
Asphalt	8052.42.4	A Massachusetts Hazardous Substance List material
Asphalt	8052.42.4	A Minnesota Hazardous Substance List material
Asphalt	8052.42.4	A Pennsylvania Hazardous Substance List material
Asphalt	8052.42.4	A Washington State Permissible Exposure for Air Contaminants material
Asphalt	8052.42.4	Asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm.