



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: 02/24/2006

HE204 - PLASTIC ROOF CEMENT

Section I

Manufacturer's Name

HENRY COMPANY

Address

HENRY COMPANY
2911 Slauson Ave
HUNTINGTON PARK, CA 90255

Emergency Telephone

800-486-1278

Primary Contact

Technical Services

NFPA

Telephone

800-486-1278

Email

techservices@henry.com

Preparer's Signature

Section II Hazardous Ingredients / Identity Information

Hazardous Component	CAS#	OSHA PEL	AGGIH TL	Other Limits	Percent
Calcium Carbonate	1317.65.3	5mg/m3	10 mg/m3		
Clay, Attapulgite	8031.18.3	0.1mg/mm3	0.1 mg/mm3	F1	
Notes: F1: Respirable quartz component					
Petroleum Solvent (Mineral Spirits)	8052.41.3	100 ppm	100 ppm		
Asphalt	8052.42.4		0.5 mg/m3		
Cellulose Fiber	9004.34.6	10 mg/m3	10 mg/m3		

Comments: There are no S.A.R.A. Section 313 ingredients in this material in excess of de minimis 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

Vapor Pressure (mm Hg)

2@ 68F

Vapor Density (Air=1)

>1

Color

Black

Odor

Strong petroleum solvent

Specific Gravity

1.18

Melting Point

N/A

Evaporation Rate (Butyl Acetate=1)

<1

Weight Per Gallon

9.84

Solubility in Water

Not soluble

Appearance

Black paste

PH

N/A

Max VOC (g/l)

300

Max VOS (lbs/gal)

2.5

% Water Volume

0

% Water Weight

0

% Volatile

25

Section IV Fire and Explosion Hazard Data

Flash Point Method	Flash Point Temperature	LEL Flammable Limit	UEL Flammable Limit
SETA	120°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

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 hand cleaner 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

DOT

Non-Bulk Not Regulated (Combustible liquid Non-Bulk, but see IATA for shipping by AIR)

Note N/A

IMDG

IMDG Code 2.3.2.5 - exempted from marking, labeling & testing of packages

IATA

Flammable liquid, n.o.s., (Petroleum Distillates), 3, UN1993, III

State Addendum

<u>Ingredient</u>	<u>CAS Number</u>	<u>Notes</u>
Petroleum Solvent (Mineral Spirits)	8052.41.3	A Florida Toxic Substances List material
Petroleum Solvent (Mineral Spirits)	8052.41.3	A Massachusetts Hazardous Substance List material
Petroleum Solvent (Mineral Spirits)	8052.41.3	A Minnesota Hazardous Substance List material
Petroleum Solvent (Mineral Spirits)	8052.41.3	A Pennsylvania Hazardous Substance List material
Petroleum Solvent (Mineral Spirits)	8052.41.3	A Washington State Permissible Exposure for Air Contaminants material
Petroleum Solvent (Mineral Spirits)	8052.41.3	A New Jersey RTK Hazardous Substance List 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.