



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	1
Flammability	0
Reactivity	0
Protective Equip.	E

Last Rev Date: 05/26/2005

HE307 - FIBERED ASPHALT EMULSION

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
Clay, Bentonite	1302.78.9	0.1 mg/m3	0.1 mg/m3	F1	
Notes: F1: Respirable quartz component. Quartz is an IARC Group 2A carcinogen. Risk of cancer depends on duration and level of exposure.					
Kaolin	1332.58.7	15 mg/m3	2.0 mg/m3	F1	
Notes: F1: Respirable quartz component. Quartz is a carcinogen (OSHA, IARC, NTP). Risk of cancer depends on duration and level of exposure.					
Asphalt	8052.42.4		0.5 mg/m3		

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

212 F

Melting Point

N/A

Max VOC (g/l)

0

Vapor Pressure (mm Hg)

N/A

Evaporation Rate (Butyl Acetate=1)

<1

Max VOS (lbs/gal)

0

Vapor Density (Air=1)

>1

Weight Per Gallon

8.7

% Water Volume

58.2

Color

Silvery

Solubility in Water

Dispersible

% Water Weight

55.4

Odor

Mild petroleum solvent

Appearance

Fluid

% Volatile

58.2

Specific Gravity

1.05

PH

N/A

Section IV Fire and Explosion Hazard Data

Flash Point Method N/A	Flash Point Temperature >212°F	LEL Flammable Limit N/A	UEL Flammable Limit N/A
Extinguishing Media Foam, CO2, Dry Chemical			
Fire Fighting Procedures Dried residue-use self-contained breathing apparatus.			
Additional Procedures None			
Unusual Fire and Explosion Hazards Closed containers could burst due to steam generation			

Section V Reactivity Data

Stability Material is Stable	Conditions to Avoid Avoid freezing
Incompatibility (Materials to Avoid) Strong Oxidants, Carbon Tetrachloride, Halogenated Extinguishers, Chlorinated Solvents, Acids	Hazardous Decompositions or Byproducts Fumes, Smoke, CO2, Carbon Monoxide if combustion is incomplete
Hazardous Polymerization May Not Occur	Conditions to Avoid Contact with moisture

Section VI Health Hazard Data

Routes of Entry:

If in Eyes

Symptoms -- Eye irritation. -- Burning of eyes. -- Tearing, redness, or swelling.	Emergency and First Aid Procedures -- Flush gently with clean cool water and move individual away from exposure and into fresh air, consult physician.
---	--

If Ingested

Symptoms -- Gastrointestinal irritation. -- May be a health hazard if ingested in large quantities.	Emergency and First Aid Procedures -- Get prompt medical attention.
--	---

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 -- Possible dermatitis or allergenic reaction on repeated contact.	Emergency and First Aid Procedures -- Remove contaminated clothes and wash with a waterless hand cleaner or soap and water. -- Flush with clean cool water.
---	--

Section VII Precautions for Safe Handling and Use

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

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:

KEEP FROM FREEZING. Keep containers closed when not in use. Do not handle or store near heat or strong oxidants. Adequate ventilation required.

Other Precautions:

Avoid breathing vapors. Avoid prolonged or repeated contact with skin. Remove contaminated clothing and laundry 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

None required when used 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

Do not mix or store with strong oxidants like liquid chlorine, oxygen, or water. Reignition may occur due to high localized heat or spontaneous heating. To avoid reignition, the residual material must be immediately smothered.

Other Precautions

Water contamination in baked product may lead to generation of Hydrogen Gas. Application to hot surfaces requires special precautions.

Section X Transportation Data

DOT

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

IMDG

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

IATA

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

State Addendum

<u>Ingredient</u>	<u>CAS Number</u>	<u>Notes</u>
Clay, Bentonite	1302.78.9	See current Material Safety Data Sheet.
Kathon LX-1.5 Biocide	26172.55.4	See current Material Safety Data Sheet.
Biocide	56709.13.8	See current Material Safety Data Sheet.
Petroleum Distillate, Naphtha Solvent (odorless)	64742.88.7	See current Material Safety Data Sheet.
Water	7732.18.5	See current Material Safety Data Sheet.
Asphalt	8052.42.4	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	Asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm.