

H.M.I.S. RATING	
Health	1
Flammability	0
Reactivity	0
Protective Equip.	A

Last Rev Date: 01/30/2006

HE106 - 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.					
Biocide (91)	34375.28.5	N/A	N/A		
Asphalt	8052.42.4		0.5 mg/m3		

Comments: There are no S.A.R.A. 313 ingredients in this material in excess of De minimus 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 212F	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 60.0
Color Black	Solubility in Water Dispersible	% Water Weight 58.8
Odor Mild petroleum solvent	Appearance Thick fluid	% Volatile 60.6
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 CO2, Dry Chemical, Water Fog			
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	Hazardous Decompositions or Byproducts Fumes, 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.
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If Ingested

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

N/A

Other Precautions

N/A

Section X Transportation Data

DOT

Non-Bulk Not Regulated (Water based material Non-bulk - PROTECT FROM FREEZING!)
Bulk Not Regulated (Water based material Bulk - PROTECT FROM FREEZING!)
Note N/A

IMDG

Not Regulated Liquids in pails, drums, or totes

IATA

Non-hazardous raw material, solid in boxes, drums, or bags

State Addendum

<u>Ingredient</u>	<u>CAS Number</u>	<u>Notes</u>
Clay, Bentonite	1302.78.9	See current Material Safety Data Sheet.
Kaolin	1332.58.7	A Minnesota Hazardous Substance List material
Kaolin	1332.58.7	A Pennsylvania Hazardous Substance List material
Biocide	56709.13.8	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.