

# VESTAL ASPHALT, INC.

Material Safety Data Sheet

Date Last

Revised 3/28/08

## I. General Information

Chemical Name & Synonyms <b>Petroleum Hydrocarbons</b>	Trade Name & Synonyms <b>Asphalt Emulsion HFMS-2gws</b>
Chemical Family <b>Petroleum Hydrocarbons</b>	Formula <b>Asphalt, Water, Surfactant</b>
Proper DOT Shipping Name <b>Asphalt Emulsion</b>	DOT Hazard Classification <b>N/A</b>
Manufacturer <b>VESTAL ASPHALT, INC.</b>	Manufacturer's Phone Number <b>(607)785-3393</b>
Manufacturer's Address <b>201 Stage Road Vestal, NY 13850</b>	Chemtrec Phone Number <b>1-800-424-9300</b>

## II. Ingredients

Principal Hazardous Component	Percent	Threshold Limit (units)
<b>Petroleum Asphalt</b>	<b>65.7%</b>	<b>N/A</b>
<b>Water</b>	<b>18.5%</b>	<b>N/A</b>
<b>Surfactant</b>	<b>0.8%</b>	<b>N/A</b>
<b>Distillate</b>	<b>15.0%</b>	<b>N/A</b>

## III. Physical Data

Boiling Point (°F) <b>212 deg. F</b>	Specific Gravity(H <sub>2</sub> O =1) <b>0.998 @ 15.6 deg. C</b>
Vapor Pressure (mm Hg) <b>60 mm Hg @ 100 deg. F</b>	Percent Volatile By Volume (%) <b>32</b>
Vapor Density (Air =1) <b>N/A</b>	Evaporation Rate <b>N/A</b>
Solubility in Water <b>Readily dispersible in water</b>	pH <b>7-10</b>
Appearance & Odor <b>Tan to dark liquid</b>	

## IV. Fire & Explosion Hazard Data

Flash Point <b>N/A</b>	Auto Ignition Temperature <b>N/A</b>	
Flammable Limits <b>N/A</b>	LEL <b>N/A</b>	UEL <b>N/A</b>
Extinguishing Media <b>CO2, Dry Chemical, Foam, Water, Fog</b>		
Special Fire Fighting Procedures <b>Do not enter any enclosed space without proper protective equipment. Read entire MSDS.</b>		
Unusual Fire & Explosion Hazards <b>Do not weld or drill container. Emptied container still contains material which might ignite with Explosive violence if heated.</b>		

### V. Health Hazard Data

OSHA Permissible Limits <b>No standard for asphalt fumes</b>	ACGIH Threshold Limit Value <b>No standard for asphalt fumes</b>
Carcinogen – NTP Program <b>No association has been established</b>	Carcinogen – IARC Program <b>No association has been established</b>
Symptoms of Exposure <b>N/A</b>	
Medical Conditions Aggravated by Exposure <b>N/A</b>	
Primary Routes of Entry <b>N/A</b>	
Emergency First Aid <b>N/A</b>	

### VI. Reactivity Data

Stability		Unstable	Conditions to Avoid <b>N/A</b>
	X	Stable	
Incompatibility			Materials to Avoid <b>May react with strong oxidizing material</b>
Hazardous Polymerization		May Occur	Conditions to Avoid <b>N/A</b>
	X	Will Not Occur	
Hazardous Decomposition Products <b>Normal combustion forms carbon dioxide and may produce oxides of sulfur.</b>			

### VII. Environmental Protection Procedures

Spill Response <b>Follow prescribed procedures for reporting and responding to large spills. Clean up small spills with sorbent materials or pumping.</b>
Waste Disposal Method <b>Place materials in disposable containers and dispose of in a manner consistent with local and applicable regulations.</b>

### VIII. Special Protection Information

Eye Protection <b>Use chemical safety glasses</b>	Skin Protection <b>Avoid prolonged skin contact</b>
Respiratory Protection (Specific Type) <b>Wear approved respiratory protection</b>	Ventilation Recommended <b>Use in well ventilated area</b>
Other Protection <b>As needed</b>	

### IX. Special Precautions

Hygienic Practices in Handling & Storage <b>N/A</b>
Precautions For Repair & Maintenance of Contaminated Equipment <b>N/A</b>
Other precautions <b>N/A</b>

N:Safety/MSDS/MSDS Vestal Asphalt

