

VESTAL ASPHALT, INC.

Material Safety Data Sheet

Date Last

Revised 3/28/08

I. General Information

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

II. Ingredients

Principal Hazardous Component	Percent	Threshold Limit (units)
Petroleum Asphalt	56.0%	N/A
Water	43.0%	N/A
Surfactant	1.0%	N/A

III. Physical Data

Boiling Point (°F) 212 deg. F	Specific Gravity(H ₂ O =1) 1.01 @ 15.6 /15.6 deg. C
Vapor Pressure (mm Hg) 60 mm Hg @ 100 deg. F	Percent Volatile By Volume (%) 32
Vapor Density (Air =1) N/A	Evaporation Rate N/A
Solubility in Water Readily dispersible in water	pH 7-10
Appearance & Odor Tan to dark liquid	

IV. Fire & Explosion Hazard Data

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

V. Health Hazard Data

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

VI. Reactivity Data

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

VII. Environmental Protection Procedures

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

VIII. Special Protection Information

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

IX. Special Precautions

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

