

# VESTAL ASPHALT, INC.

Material Safety Data Sheet

Date Last

Revised 3/28/08

## I. General Information

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

## II. Ingredients

| Principal Hazardous Component | Percent      | Threshold Limit (units) |
|-------------------------------|--------------|-------------------------|
| <b>Petroleum Asphalt</b>      | <b>66.0%</b> | <b>N/A</b>              |
| <b>Water</b>                  | <b>27.2%</b> | <b>N/A</b>              |
| <b>Surfactant</b>             | <b>0.8%</b>  | <b>N/A</b>              |
| <b>Light Distillate</b>       | <b>6.0%</b>  | <b>N/A</b>              |
|                               |              |                         |
|                               |              |                         |
|                               |              |                         |

## III. Physical Data

|  |   |
|--|---|
| Boiling Point (°F)<br><b>212 deg. F</b>                    | Specific Gravity(H <sub>2</sub> O =1)<br><b>0.983 @ 15.6 deg. C</b> |
| Vapor Pressure (mm Hg)<br><b>60 mm Hg @ 100 deg. F</b>     | Percent Volatile By Volume (%)<br><b>32</b>                         |
| Vapor Density (Air =1)<br><b>N/A</b>                       | Evaporation Rate<br><b>N/A</b>                                      |
| Solubility in Water<br><b>Readily dispersible in water</b> | pH<br><b>7-10</b>   |
| Appearance & Odor<br><b>Tan to dark liquid</b>             |   |

## IV. Fire & Explosion Hazard Data

|  |   |                   |
|--|---|-------------------|
| Flash Point<br><b>N/A</b>  | Auto Ignition Temperature<br><b>N/A</b> |                   |
| Flammable Limits<br><b>N/A</b>   | LEL<br><b>N/A</b>                       | UEL<br><b>N/A</b> |
| Extinguishing Media<br><b>CO2, Dry Chemical, Foam, Water, Fog</b>  |   |                   |
| Special Fire Fighting Procedures<br><b>Do not enter any enclosed space without proper protective equipment. Read entire MSDS.</b>  |   |                   |
| Unusual Fire & Explosion Hazards<br><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

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

### VI. Reactivity Data

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

### VII. Environmental Protection Procedures

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|--|
| Spill Response<br><b>Follow prescribed procedures for reporting and responding to large spills. Clean up small spills with sorbent materials or pumping.</b> |
| Waste Disposal Method<br><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<br><b>Use chemical safety glasses</b>                                  | Skin Protection<br><b>Avoid prolonged skin contact</b>        |
| Respiratory Protection (Specific Type)<br><b>Wear approved respiratory protection</b> | Ventilation Recommended<br><b>Use in well ventilated area</b> |
| Other Protection<br><b>As needed</b>  |   |

### IX. Special Precautions

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

