

# MATERIAL SAFETY DATA SHEET

HEI-WAY, LLC/Heilman Pavement Specialties, Inc. – Sarver, PA  
Emergency Phone: (724) 353-2700

Effective date: 01/29/09  
MSDS: 07040

Product Name - **Heilman Paving Additive**

## 1. Product Identification and Information

General or Generic ID: Asphalt Emulsion

## 2. Components:

The composition of this product is being withheld as a trade secret.

<u>Ingredient</u>	<u>% by vol.</u>
Asphalt cement heavy hydrocarbon	5 - 25
Aliphatic and aromatic hydrocarbon	10 - 40
Water	10 - 60

## 3. Physical Data:

Boiling Point:	> 210°F
Vap. Pressure:	Not determined
Vap. Density:	Not determined
Appearance:	Brownish black
pH:	8-10
Sp. Gravity:	less than water
Melting Point:	Not applicable
Evaporation Rate:	Less than ether
State:	Liquid

## 4. Fire and Explosion Data:

Flash Point:	> 200°F
Explosive Limit:	Not applicable
Extinguishing Media:	Foam or carbon dioxide
Fire fighting procedures:	Wear self-contained breathing apparatus with a full face piece operated in the positive pressure demand condition when fire fighting
Special fire and explosion hazards:	Never use a welding torch near any containment vessel as fumes may ignite.

## 5. Health Hazard Data:

Effects of acute overexposure:

*Eyes:* May cause moderate redness, irritation

*Skin Contact:* May cause moderate irritation

*Ingestion:* May cause digestive tract irritation.

*Inhalation:* Excessive inhalation should be avoided. May cause respiratory irritation.

Primary Routes of Entry: Skin contact, breathing.

Effects of overexposure: Asphalt product as properly handled as outlined in this MSDS is not expected to cause adverse health effects. All contact is to be kept to a minimum to avoid any ill effects.

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**6. Reactivity Data:**

Stability:	Stable
Incompatibility:	Avoid contact with strong oxidizing agents
Hazardous Polymerization:	Cannot occur

**7. Spill or Leak Procedures:**

Small spill: Absorb on paper and dispose of in accordance with local and state and other disposal procedures.

Large spill: Prevent product from entering sewers or waters. If entry occurs, notify authorities of spill. Use absorbent material to contain spill. Blot up product with dry mineral fines. Recycle mineral fines at mixing plant.

Waste Disposal method: All spills - dispose of in accordance with all applicable regulations.

**8. First Aid:**

*Skin:* Thoroughly wash skin with waterless hand soap followed by soap and water. If irritated seek medical attention.

*Eyes:* Thoroughly flush with plenty of water. Get medical attention.

*Breathing:* If affected, seek fresh air. If breathing is difficult, seek medical attention.

*Swallowing:* Never give anything by mouth to an unconscious person. Seek medical attention.

**9. Protective Equipment to be Used:**

Respiratory Protection: In absence of proper environmental control, use an approved air supplied respirator. Engineering and/or administrative corrections should be implemented to assure proper ventilation.

Other Protection: Avoid prolonged exposure to skin. Wear resistant gloves such as neoprene. Splash goggles are advised, in accordance with applicable regulations. Wear protective clothing and boots.

**10. Special Precautions or Other Comments:**

All hazard precautions contained herein are to be followed. The information contained herein is believed to be accurate, but is not warranted to be so. All recipients are advised to confirm data is accurate and suitable to their circumstances.

**11. Toxicological Information**

Liquid Petroleum asphalt: CAS # 8052-42-4

Petroleum hydrocarbon mixture: CAS # 68334-30-5

**12. Regulation Information:**

THE INFORMATION CONTAINED HEREIN IS PROVIDED TO COMPLY WITH OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200), BUT NO WARRANTY, EITHER EXPRESSED OR IMPLIED IS CREATED BY THE STATEMENTS AND INFORMATION HEREIN.

**WARNING:**

May cause eye and skin irritation.

Inhalation may cause irritation.

Swallowing may cause irritation.

Use appropriate handling precautions as may be essential to your operation.

Use all precautions prudent with handling of warm (200°F) liquids.

End MSDS # 07040

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