

# MATERIAL SAFETY DATA SHEET

Product: **EA-P, EA-P special**

Manufacturer: SEACO, Inc.  
2700 William Tuller Drive  
Columbia, S.C. 29205

Emergency Telephone Numbers: 803-799-5335  
800-729-5335

Synonyms: dust control asphalt emulsion, prime emulsion

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## Section II - Hazardous Ingredients/Identity Information

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### Hazardous Components

(Specific Chemical Identity):

|                       | Common Name | CAS Number  | OSHA PEL        | ACGIH TLV               | Concentrations (%)<br>Recommended (Optional) |
|-----------------------|-------------|-------------|-----------------|-------------------------|--|
| Asphalt               |             | 8052-42-4   | ND              | 5 MG/M3 (asphalt fumes) | 40% - 55%                                    |
| Petroleum distillates | #2 oil      | 68476-30-2  | 400 ppm (8 hrs) | ND                      | 0 - 8  |
| Emulsifiers           |             | Proprietary | ND              | ND                      | 0-4  |
| Water                 |             | 7732-18-5   | ND              | ND                      | Balance                                      |

TLV for asphalt relates to the fume given off when asphalt is heated.

Additives are not considered hazardous as contained in this product.

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## Section III - Physical/Chemical Characteristics

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|------------------------|--|----------------------------|-----------|
| Boiling Point          | 212F (100C)  | Specific Gravity (water=1) | 0.9 - 1.1 |
| Vapor Pressure (mm Hg) | same as water  | Melting Point              | NA        |
| Vapor Density (Air=1)  | ND   | Evaporation Rate           | ND        |
| Solubility in Water    | Soluble  |                            |           |
| Appearance and Odor    | Brown, viscous liquid with characteristic asphalt odor |                            |           |

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## Section IV - Fire and Explosion Data

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Flash Point Greater than 212F for the product with water vapor in the atmosphere.  
In normal use in an open environment, the product will not support combustion.  
In a closed environment, with water driven off, will burn like oil.

### Flammable Limits

|                                    |  |     |    |     |    |
|------------------------------------|--|-----|----|-----|----|
| Autoignition Temperature           | ND   | LEL | ND | UEL | ND |
| Extinguishing Media                | Foam, carbon dioxide, dry chemical, water sponge |     |    |     |    |
| Special Firefighting Procedures    | None   |     |    |     |    |
| Unusual Fire and Explosion Hazards | None   |     |    |     |    |

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## Section V - Reactivity Data

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|                                       |                            |                          |
|---------------------------------------|----------------------------|--------------------------|
| Stability                             | Unstable                   | Conditions to Avoid      |
|                                       | Stable                     | X<br>Conditions to avoid |
| Incompatibility (Materials to Avoid)  | Strong oxidizers and acids |                          |
| Hazardous Decomposition or Byproducts | ND                         |                          |
| Hazardous Polymerization              | May occur                  | Conditions to Avoid      |
|                                       | Will not occur             | X<br>Conditions to Avoid |

ND=no data available

NA=not applicable

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**Section VI - Health Hazard Data**

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|   |   |       |            |       |
|---|---|-------|------------|-------|
| Routes of Entry                                     | Inhalation?   | Skin? | Ingestion? | Eyes? |
|   |   | X     | X          | X     |
| Health Hazards (Acute and Chronic)                  | ND  |       |            |       |
| Signs and Symptoms of Exposure                      | Prolonged or repeated contact may cause skin irritation |       |            |       |
| Medical Conditions Generally Aggravated by Exposure | ND  |       |            |       |

**Emergency and First Aid Procedures**

|            |   |
|------------|---|
| EYES       | Gently flush with large amounts of water. <b>Call a physician immediately.</b>  |
| SKIN       | Remove asphalt with waterless hand cleaner and wash with soap and warm water.<br>If irritation occurs, consult a physician. |
| INHALATION | Remove victim from exposure. <b>Call a physician immediately.</b>   |
| INGESTION  | If large amounts are swallowed, do not induce vomiting. <b>Call a physician immediately.</b>                                |

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**Section VII - Precautions for safe handling and use**

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**Steps to be taken in case material is released or spilled**

Recover free product. Add adsorbent (sand, earth, sawdust, etc.) to spill. Hot product will solidify when cooled. Keep petroleum products out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers or watercourses.

**Waste Disposal Method**

Assure conformity with local and federal governmental regulations for disposal. Recovered material may be blended with aggregate and used for patching or other maintenance use.

**Precautions to be taken in handling and storing**

Do not handle or store near heat, sparks, flame or strong acids or oxidizers.

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**Section VIII - Control Measures**

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|--|---|----|---------|----|
| Respiratory protection (Specify type)  | Not required under normal conditions and adequate ventilation               |    |         |    |
| Ventilation                            | Local Exhaust   | NA | Special | NA |
|  | Mechanical (General)  | NA | Other   | NA |
| Protective Gloves                      | Insulated gloves for hot asphalt. Cloth gloves acceptable for cold asphalt. |    |         |    |
| Eye Protection                         | Safety glasses with side shields.   |    |         |    |
| Other protective clothing or equipment | Standard work clothing with long sleeve shirts.                             |    |         |    |
| Work/Hygienic Practices                | Practice safe working habits  |    |         |    |

ND=no data available

NA=not applicable

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**INFORMATION SUPPLIED BY:**

Tim Owings  
revised format

1/18/2011

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**EMERGENCY PHONE NO.**

800-729-5335 or 803-799-5335

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