

(5/99)

Russell Standard Corporation
Material Safety Data Sheet

1 CHEMICAL NAME & COMPANY INFORMATION

Trade Name: **E-1P,**
General or Generic ID : **Asphalt Emulsion**
Hazard Classification : **(99) Not Applicable**
CAS Number : **8052 42 40**

Synonyms:
Manufacturer : **Russell Standard Corporation**
1210 Perry Highway
Mercer, PA 16137

Telephone Numbers - 24 HOUR EMERGENCY ASSISTANCE:

Weavertown Environmental - (412) 341-4244

Telephone Numbers - GENERAL ASSISTANCE :

8-4 (M-F, EST) - (724) 748-3700

2 HAZARDOUS COMPONENTS

<u>Ingredient</u>	<u>Percent</u>	<u>PEL</u>	<u>TLV</u>	<u>*</u>
Asphalt	> 60	5	5 MG/M3	(1)

CAS Number: 5082 42 40
(1) - as Fumes

3 PHYSICAL DATA

<u>Property</u>	<u>Refinement</u>	<u>Measurement</u>
Initial Boiling Point	For Product	> 212.00 Degrees F 100.00 Degrees C 760.00 MMHG
Vapor Pressure	For Product	68.00 Degrees F 20.00 Degrees C 17.50 MMHG
Vapor Density	----- NOT APPLICABLE -----	
Percent Volatile		12 - 20%
Evaporation Rate		Slower Than Ether
Appearance		Opaque Black
State		Liquid
Form		Heater Soln

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4 FIRE & EXPLOSION DATA

Flash Point	:	> 450.00 Degrees F
Explosive Limit	:	NOT APPLICABLE
Extinguishing Media	:	Regular Foam, Carbon Dioxide or Dry Chemical.
Hazardous Decomposition	:	May form toxic materials such as Carbon Dioxide, Carbon Monoxide, and various Hydrocarbons.
Fire Fighting Procedures	:	Wear self contained breathing apparatus with full face piece operated by pressure demand or other positive pressure mode.
Unusual Fire and Explosion Data	:	Never use welding or cutting torch on or near drums containing Emulsion or Emulsion residue due to the possibility of ignition.

NFPA CODES : HEALTH - 0

FLAMMABILITY - 1

REACTIVITY - 0

5 HEALTH HAZARD DATA

Over Exposure

Eyes	-	Can cause moderate irritation, redness, and tearing.
Inhalation	-	Fumes can cause damage to nasal and respiratory passages.
Ingestion	-	Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.
Skin	-	Prolonged or repeated exposure can cause moderate irritation, defatting, and dermatitis.

First Aid

Eyes	-	Flush with large amounts of water, lifting upper and lower lids - Get medical attention.
Inhalation	-	Remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep individual warm and quiet, and get medical attention.
Ingestion	-	Immediately drink 16 oz of water, and induce vomiting. Get medical attention.

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6 REACTIVITY DATA

Hazardous Polymerization:	Can not occur
Stability:	Stable
Incompatibility:	Avoid contact with strong oxidizing agents.

7 SPILL OR LEAK PROCEDURES

Small Spill : Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material. Transfer material to a disposal container, and dispose of in accordance with Local, State, and Federal regulations.

Large Spill : Prevent run off to sewers, streams, or other bodies of water. If run off occurs, immediately notify all proper authorities and agencies as required. Persons not wearing protective equipment should be excluded from the spill area until clean up is completed. Material may be taken up with sand, earth, floor absorbent, or other absorbent material. Shovel into containers and dispose of in accordance with Local, State, and Federal regulations.

8 PROTECTIVE EQUIPMENT

Respiratory Protection:	If the TLV of a product or any component is exceeded, a NIOSH/MSHA jointly approved air supply respirator is advised in the absence of proper environment control. OSHA regulations also permit other NIOSH/MSHA respirators under specific conditions. Engineering or administrative controls should be implemented to reduce exposure.
Ventilation:	Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV (s).
Protective Clothing:	To prevent repeated or prolonged skin contact wear resistant gloves such as neoprene coated and impervious boots.
Eye Protection:	Chemical splash goggles in accordance with OSHA regulations are advised. However, OSHA regulations also permit other types of safety glasses. Contact your safety equipment supplier.

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9 SPECIAL PRECAUTIONS

Containers of this material may be hazardous when empty. Empty containers retain product residue (vapor, liquid, and or solid) and all hazard precautions given in this data sheet must be observed.

10 OTHER INFORMATION

THIS MSDS COMPLIES WITH 29CFR 1910.1200 - The Hazard Communication Standard.

DISCLAIMER

NOTICE: The information accumulated herein is based on data considered to be accurate of the date of preparation of this MSDS. However, this MSDS may not be used as a commercial specification sheet of manufacture or seller, and no representation expressed or implied, is made as the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patent invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, failure to adhere to recommended practices, or from hazards inherent to the nature of the product.