### Tri-Products, LLC

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## MATERIAL SAFETY DATA SHEET

# Asphalt Emulsion (Tack Coat) Grade:RS-1 Product code:

#### INGREDIENTS

Chemical Name

CAS

PEL/TLV

Asphalt

8052-42-4

5mg/m3/8hrs

WHILE THERE HAS BEEN NO DIRECT ASSOCIATION BETWEEN EXPOSURE TO ASPHALT AND CANCER IN HUMANS WE RECOMMEND A MINIMUM OF SKIN CONTACT AND OR BREATHING OF FUMES. PROLONGED OR REPEATED CONTACT OR BREATHING OF FUMES CAN BE HARMFUL. MATERIALS PRESENT IN ASPHALT HAVE CAUSED CANCER IN LABORATORY ANIMALS.

#### PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point: 212°F. Specific Gravity @ 60°F: 1.01. Vapor Pressure @100°F: 60 mm hg Melting Point-Volatile % (water) 30-40 Solubility in Water: Dispersible (freezes below 33°F) Appearance and Odor: Dark Brown Liquid

#### FIRE/EXPLOSION HAZARD DATA

#### REACTIVITY DATA

Stable. No hazardous polymerization. Avoid strong oxidant such as liquid chlorine, concentrated oxygen, sodium hypochlorite. Hazardous Decomposition or Byproducts: Fumes, smoke, carbon monoxide, hydrogen sulfide & sulfur oxides with incomplete combustion.

#### HEALTH HAZARD DATA

There is inconclusive evidence as to whether asphalt is carcinogenic to humans. However components of asphalt have caused cancer in mice when heavily applied to skin and allowed to remain for lengthy periods of time. Also, asphalt fumes have been shown to be positive in ames mutagenicity tests. A minimum of skin contact and breathing is recommended. Eye Contact: Flush with water. Skin contact: flush with water to

cool skin, use soap & water to wash off material. Use mineral oil on dried material. Inhalation: remove to fresh air.

#### PRECAUTIONS FOR SAFE HANDLING AND USE

Recover free liquid. Dike area to keep from waterways and sewers. Advise authorities if product does enter waterways and sewers. Dispose of absorbed material according to federal, state and local regulations at an approved site. Keep containers closed when not in use. Mix well before using. Keep from freezing. Use pressure to empty containers, containers still contain material which may ignite/explode.

#### CONTROL MEASURES FOR ACCIDENTAL RELEASE AND RESPONSE

None needed when used with adequate ventilation. Use impervious rubber gloves, goggles should be worn at all times, no other special protective clothing needed. Asphalt stains should be removed with mineral oil followed by soap and water.

Revised: April, 2003