

SPIRIT

ASPHALT INCORPORATED

MATERIAL SAFETY DATA SHEET

Date Prepared: April 16, 2008
Product Trade Name: RC-70, (Cutback Asphalt, Road Oil, Prime Oil)
C.A.S. Number: Mixture

SECTION I - MANUFACTURER INFORMATION

Manufacturer's Name: Spirit Asphalt, Incorporated
Address: P.O. Box 577, Hazelwood, Missouri 63042-0577
Telephone Number: (314) 731-1316

SECTION II - HAZARDOUS INGREDIENTS/ IDENTITY INFORMATION

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>%</u>	<u>TLV</u>
Petroleum Asphalt	8052-42-4	60-95	.5 mg/m ³ TWA as fumes
Hydrogen Sulfide	7783-06-4	<1	10 ppm-TWA
Naptha	8032-32-4	5-40	100 ppm
Mineral Spirits	8052-41-3	5-40	300 ppm

SECTION III - PHYSICAL DATA

Appearance and Odor: Dark brown to black viscous liquid. Asphalt odor will increase with increased temperature.

Boiling Point: >250° F

Evaporation Rate: (Butyl Acetate = 1): >1

Vapor Pressure (mm HG): 5 @ 70° F

Specific Gravity: .93 - .97 g/ml @ 60° F

Water Solubility (%): Insoluble

Softening Point: Not Applicable

Vapor Density (Air = 1): >4.0

% Volatiles: 5- 40%

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Tag Open Cup) : >105° F

Flammable Limits: 1.0%

Auto ignition Temperature: ≈ >450° F

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, oxidized hydrocarbons, sulfur dioxide and traces of hydrogen sulfide.

Fire Fighting: Dry chemical, carbon dioxide, or foam. Treat as fuel fire; wear self-contained breathing apparatus.

SECTION V - HEALTH HAZARDS

Effects of overexposure are as follows:

Eyes: Petroleum distillates can cause severe irritation in contact with the eyes.

Skin: Can cause slight irritation. Contact with molten product will cause thermal burns.

Inhalation: Inhaling of mist or vapors can cause dizziness, headache, nausea and irritation to the nose and throat.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Special first-aid action:

Skin Irritation: Remove contaminated clothing, flush with water to solidify molten asphalt, apply petroleum jelly and apply loose bandage. Get medical attention for thermal burn.

Eyes: Flush with water and get medical attention.

Inhalation: Remove to Fresh air.

Ingestion: DO NOT induce vomiting. Get medical attention.

NFPA CODE: (Health: 2) (Flammability: 3) (Reactivity: 0)

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