

AAA ROOFING CO., INC.
3641 NORTH 22ND ST.
LINCOLN, NE 68521

SPIRIT

ASPHALT INCORPORATED

Robin
426-334

MATERIAL SAFETY DATA SHEET

8/19/2024: File review, more current MSDS/SDS not available. CAS

Date Prepared: April 26, 2006
Product Trade Name: Roofing Asphalt, Type I, Type II, Type III, and Type IV
Chemical Name: Petroleum Asphalt

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	100	5 mg/m ³ TWA as fumes
Hydrogen Sulfide	7783-06-4	<1	10 ppm

SECTION III - PHYSICAL DATA

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

Boiling Point: Not Determined

Evaporation Rate: (Water = 1): <1

Vapor Pressure (mm HG): N/A

Specific Gravity (Water = 1): Variable

Water Solubility (%): Insoluble

Softening Point: 135° - 225°F (57° - 107°C)

Vapor Density (Air = 1): >1

% Volatiles: Not Applicable

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Cleveland Open Cup): 525°F+ (274°C+)

Flammable Limits: N/A

Autoignition Temperature: Not Available

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, oxidized hydrocarbons 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: Moderate irritation, Redness, Tearing.

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

Inhalation: Fumes can damage nasal and respiratory passages.

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: Drink water or milk. Do not induce vomiting. Get medical attention.

NFPA CODE: (Health:1) (Flammability:1) (Reactivity:0)

SECTION VI - REACTIVITY DATA

Stability: Stable

Conditions to Avoid Instability: Overheating

Hazardous Polymerization: Will not occur

Materials and Conditions to Avoid Incompatibility: Any other liquid, especially water.

SECTION VII - SPILL CONTROL PROCEDURE

Containment Procedures: Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify the proper authorities. Exclude improperly protected people from the spill area. Let material cool and harden, shovel material into containers.

Disposal: This product is not classified as a hazardous material when cool. Dispose of spilled materials in accordance with Federal, State, and Local regulations.

SECTION VIII - PROTECTIVE EQUIPMENT

Respiratory Information: Use with adequate ventilation. If operating conditions cause high vapor concentrations or TLV is exceeded, use supplied-air respirator approved by NIOSH.

Protective Gloves: Neoprene or heavy-duty leather gloves with gauntlet style cuff.

Eye Protection: Chemical splash goggles. (See your safety supplier)

Ventilation: Provide sufficient mechanical ventilation to reduce the risk of fumes.

Other Protective Equipment: Long cotton pants, long sleeve cotton shirt and leather boots.

Eye Protection: Use goggles or face shields.

SECTION IX - STORAGE AND HANDLING

Do not heat above the manufacturers recommended temperatures to minimize fire hazard and thermal cracking of the asphalt. Do not allow water to mix with hot asphalt. Use protective equipment when handling unconfined materials. Storage of materials should be in a cool and dry environment, and protected from the elements.

SECTION X - SPECIAL PRECAUTIONS

Containers of this material may be hazardous when emptied. Product residues warrant observance of all hazard precautions given in this data sheet.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with Spi Asphalt, Incorporated or not. Recipients are advised to confirm in advance of need that the information is current.