

Southwestern Petroleum Corporation • 534 North Main Street • Fort Worth, Texas 76106 USA

Material Safety Data Sheet

Product Trade Name: Flex-Shield Roof Coating

Revision Date: 000630

Emergency Phone Number: CHEMTREC 1-800-424-9300

Chemical Family: Water Based Asphalt Emulsion

Section 1: Fire and Explosion Hazards

NFPA Codes -- Health: 0

Fire: 1

Reactivity: 0

Other: NAIF

Flash Point, °C: NA

Method: NA

Auto Ignition Temp. , °C: NA

Flammable Limits, %Volume -- Lower: NA

Upper. , °C: NA

Extinguishing Media: Water, carbon dioxide, foam or dry chemical

Special Firefighting Procedures: Under extreme conditions asphalt may ignite, treat as asphalt fire. Use water to keep fire exposed containers cool. NAIF

Unusual Fire & Explosion Hazards:

Section 2: Physical Data

Boiling Point: 100°C

Melting Point: 0°C

Specific Gravity (Water = 1): NA

Ph: 8

Water Solubility: EMULSION

Vapor Density (Air = 1): >1

Percent Volatile By Volume: 40 TO 60

Primary Volatiles: Water

Odor: Typical of asphalt

Appearance: Brown

Section 3: Reactivity Data

Stability: Stable

Polymerization: Does not occur

Incompatibility: Strong oxidants (as related to general organic materials)

Conditions To Be Avoided: Heat sources and freezing temperatures.

Unusual Hazards: NAIF

Section 4: Spill and Disposal Handling

Spill: Use inert absorbent material to confine spills and to absorb material. Scoop into a disposable container.

Disposal: Landfill or incinerate as federal, state, and local regulations permit.

Section 5: Hazardous Ingredients

Component:	CAS#:	%	Carcinogen
Asphalt (petroleum) fumes Acgih 5mg/m3 tlv, 8 hours, excursion limits apply Osha no limit established Because of the physical form of the material, the potential for Exposure to fumes is limited. Under normal conditions, no exposure to fumes is expected No lethal concentrations or dosages cited.	8052-42-4	40-55	no
Nuisance dust Acgih 10mg/m3 tlv, 8 hours, excursion limits apply Osha 5mg/m3 twa, 8 hours respirable fraction 15mg/m3 twa, 8 hours, total dust Because of the physical form of the material, the potential for Exposure to dusts is limited. Under normal use conditions, no Exposure to dusts is expected. Not considered to present a significant hazard. (see specialprecautions)	na	<12	no

Section 6: Health Hazard Data

Inhalation: Not considered to present a significant hazard. (see specialprecautions)

Eye Contact: Irritant

Skin Contact: Irritant

Ingestion: NAIF

Summary of Acute Hazards: Eye and skin irritant

Summary of Chronic Hazards: Not expected to present a significant chronic hazard

Special Health Effects: NAIF

Section 7: First Aid Procedure

Inhalation: Remove to fresh air, if breathing is difficult administer oxygen, obtain medical attention.

Eye Contact: Flush with water for 15 minutes, obtain medical attention

Skin Contact: Wash with soap and water, if irritation develops obtain medical attention.

Ingestion: Obtain medical attention.

Other: NAIF

Section 8: Control Measures

Inhalation: No control measures normally required (see special precautions).

Eye: Goggles or face shield.

Skin: Gloves and protective clothing.

Other: NAIF

Section 9: Special Precautions

Special Precautions: Spray application of these products is not expected to produce significant amounts of thoracic or respirable particles. A significant amount of inspirable particulate may be expected. During spray application appropriate respirators should be maintained in a condition which precludes exposure to inspirable particles. Often a single use dust/mist respirator will be suitable.

Abbreviations: NA = Not applicable; NAIF = No applicable information found; NDA = No data available.

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