

Firestone Building Products Company, LLC

Material Safety Data Sheet

January 4, 2012

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SECTION 1: PRODUCT IDENTIFICATION

Product Name: Firestone SEBS Mopping Asphalt
Chemical Name / Synonym: None
Chemical Family: Polymer Modified Asphalt
24-Hour Emergency Phone: (800) 424-9300 CHEMTREC
Manufacturer's Name: Firestone Building Products Company, LLC
Manufacturer's Address: 250 West 96th Street, Indianapolis, IN 46260
NFPA Hazard Rating: Health 1, Flammability 1, Reactivity 0
HMIS Hazard Rating: Health 0, Flammability 1, Reactivity 0

SECTION 2: CHEMICAL COMPOSITION

Chemical Name:	Common Name:	CAS #:	% (by wt)	Exposure Limits:
Asphalt (Petroleum)	Bitumen	8052-42-4	88-91	TLV 0.5 mg/m ³ (Inhalable)
Non-Hazardous Ingredients	None	None	9-12	None

SECTION 3: HAZARD IDENTIFICATION

Primary Route of Exposure: Inhalation
Signs and Symptoms of Exposure: Causes a foreign body reaction (mechanical irritation). Fumes generated by molten asphalt may cause eye, skin and respiratory tract irritation. Molten asphalt will cause thermal burns.
Medical Conditions Aggravated by Exposure: None Known
Chronic Effects: No significant health effects have been reported in surveys of asphalt workers in oil refineries and in the roofing industry.
Carcinogenicity: Animal inhalation studies have not yielded sufficient evidence of asphalt induced lung cancer, and only limited investigation has been done on the chemical properties and the metabolic changes caused by petroleum asphalt fumes. A roofing petroleum asphalt proved non-carcinogenic to the skin of mice and rabbits, although the condensates of coal tar fumes proved highly carcinogenic.
Petroleum asphalt is listed by IARC as a class 3, *unclassifiable as to carcinogenicity in humans*.

SECTION 4: FIRST AID MEASURES

First Aid Procedures: Hold eyelids open and wash with gentle stream of water until foreign material is removed. Get medical attention if irritation persists. For inhalation of the fume, smoke or dust of this material, remove to fresh air and treat symptomatically. For thermal burns, flush the affected area with cold water and seek medical attention.

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SECTION 5: FIRE FIGHTING PROCEDURES

Suitable Extinguishing Media:	Alcohol foam, carbon dioxide, or dry chemical.
Hazardous Combustion Products:	Carbon dioxide, carbon monoxide and partially burned carbon.
Recommended Fire Fighting Procedures:	Wear impermeable protective clothing and self-contained breathing apparatus as toxic fumes and vapors may be evolved.
Unusual Fire and Explosion Hazards:	Combustion of this product causes dense black smoke. Water may cause frothing.

SECTION 6: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled:	Not Applicable
Precautions to Be Taken in Handling and Storing:	Keep away from heat, sparks and open flames. Protect against dust that may be generated from cutting or altering this product.

SECTION 7: EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation:	Use in well ventilated area.
Respiratory Protection:	Use NIOSH - approved dust, mist, and fume respirator if exposure might exceed the PEL or TLV.
Eye Protection:	The use of safety glasses with side shields may be warranted.
Skin Protection:	The use of leather or cotton gloves for direct handling is likely warranted.
Other:	None recommended
Work / Hygienic Practices:	Wash exposed skin prior to eating, drinking or smoking and at the end of each shift. Wash contaminated clothing prior to reuse.

SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor:	Black. Solid adhesive at 77° F. Liquid above 275° F. Asphalt odor.		
Flash Point:	475° F (minimal)	Lower Explosive Limit:	Not Applicable
Method Used:	C.O.C. (ASTM D92)	Upper Explosive Limit:	Not Applicable
Evaporation Rate:	Not Applicable	Boiling Point:	> 600° F
pH (undiluted product):	Not Applicable	Melting Point:	185-225° F
Solubility in Water:	Negligible	Specific Gravity:	1 – 1.2
Vapor Density:	Not Applicable	Percent Volatile:	Not Applicable
Vapor Pressure:	Not Applicable		

SECTION 9: STABILITY AND REACTIVITY

Thermal Stability:	Stable
Hazardous Polymerization:	Will Not Occur
Conditions to Avoid:	None

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SECTION 10: TRANSPORTATION

Regulatory Agency:	Not Regulated
Proper Shipping Name:	Not Applicable
Hazard Classification:	Not Applicable
Identification Number:	Not Applicable
Labels Required:	Not Applicable
Other Requirements:	Not Applicable

SECTION 11: MISCELLANEOUS INFORMATION

Additional Comments:	None
Date of Previous MSDS:	February 9, 2009
Changes Since Previous MSDS:	Review only.
Telephone Number for Additional Information:	(317) 575-7190

DISCLAIMER

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