

Firestone Building Products Company

Material Safety Data Sheet

February 9, 2009

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SECTION 1: PRODUCT IDENTIFICATION

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

SECTION 2: CHEMICAL COMPOSITION

Chemical Name:	Common Name:	CAS #:	% (by wt)	Exposure Limits:
Calcium Carbonate	Lime Stone	1317-65-3	<34	PEL (Respirable) 5 mg/m ³ PEL (Total) 15 mg/m ³
Titanium Dioxide	Tioxide	13463-67-7	<5	PEL 15 mg/m ³ TLV 10 mg/m ³
Ammonium Hydroxide	Aqueous Ammonia	1336-21-6	<1	PEL 50 ppm (Ammonia) TLV 25 ppm (Ammonia) ACGIH STEL 35 ppm (Ammonia)
Nonhazardous as per 29 CFR 1910.1200.	None	None	>60	None Established

SECTION 3: HAZARD IDENTIFICATION

Primary Route of Exposure: Skin, eyes, inhalation.
Signs and Symptoms of Exposure: Inhalation of vapor or mist may cause slight irritation of the nose, throat, and lungs or headache. Direct eye contact may cause slight irritation. Prolonged or repeated skin contact can cause skin irritation if not promptly washed.
Medical Conditions Aggravated by Exposure: None known.
Chronic Effects: None known.
Carcinogenicity: Titanium dioxide is classified by IARC as a group 2B, *possibly carcinogenic to humans*.

SECTION 4: FIRST AID MEASURES

First Aid Procedures: If excessive inhalation of product should occur, remove subject to fresh air. Give artificial respiration if breathing has stopped and call a physician. If material should enter eyes, flush with water for at least 15 minutes. Consult a physician if irritation persists. If material should get on skin, wash affected area with soap and water. If swallowed, induce vomiting (if victim is conscious). Seek medical attention.

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SECTION 5: FIRE FIGHTING PROCEDURES

Suitable Extinguishing Media:	Alcohol foam, carbon dioxide, dry chemical.
Hazardous Combustion Products:	Carbon monoxide, nitrogen oxides, acrid smoke and irritating fumes and acrylic monomers.
Recommended Fire Fighting Procedures:	Wear impermeable protective clothing and self-contained breathing apparatus. Toxic fumes and vapors may be evolved.
Unusual Fire and Explosion Hazards:	Material can splatter above 212° F. Polymer film can burn.

SECTION 6: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled:	Floor may be slippery; use care to avoid falling. Contain spill immediately with inert materials (e.g., sand, earth). Transfer liquids and solid diking material to separate suitable containers for recovery or disposal. Keep spills and cleaning runoff out of municipal sewers and open bodies of water.
Precautions to Be Taken in Handling and Storing:	Keep from freezing; material may coagulate. The maximum recommended storage temperature is 120° F. Storage area should be well ventilated.

SECTION 7: EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation:	Use in well ventilated areas.
Respiratory Protection:	None should be required under normal conditions.
Eye Protection:	Safety glasses or chemical goggles may be warranted to prevent eye contact via splashing.
Skin Protection:	Neoprene or natural rubber gloves may be warranted.
Other:	None.
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:	Milky White Liquid with Ammonia Odor		
Flash Point:	Not Applicable	Lower Explosive Limit:	Not Applicable
Method Used:	Not Applicable	Upper Explosive Limit:	Not Applicable
Evaporation Rate:	<1	Boiling Point:	212° F
pH (undiluted product):	9 - 10	Melting Point:	32° F
Solubility in Water:	Dilutable	Specific Gravity:	1.0-1.2 (Water=1)
Vapor Density:	<1	Percent Volatile:	20-80

SECTION 9: STABILITY AND REACTIVITY

Thermal Stability:	Stable
Hazardous Polymerization:	Product will not undergo polymerization.

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Conditions to Avoid: Freezing, sparks, open flames, heated surfaces.

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:	August 13, 2008
Changes Since Previous MSDS:	Company name change
Telephone Number for Additional Information:	(317) 575-7190

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