

**Firestone Building Products Company  
Material Safety Data Sheet**

January 12, 2009

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SECTION 1: PRODUCT IDENTIFICATION

Product Name: AcryliTop PC-100 Base Coat  
 Chemical Name / Synonym: Acrylic Coating PC-100, AcryliTop PC-100 Base Coat for EPDM, AcryliTop PC-100 Base Coat for Pond Gard  
 Chemical Family: Mixture  
 24-Hour Emergency Phone: (800) 424-9300 CHEMTREC  
 Manufacturer's Name: Firestone Building Products Company  
 Manufacturer's Address: 250 West 96<sup>th</sup> 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:
Ethylene Glycol	Glycol; Ethylene Alcohol	107-21-1	<8	ACGIH CEIL 100 ppm
Titanium Dioxide	Titanium Oxide	13463-67-7	<18	PEL <sub>(Total)</sub> 15 mg/m <sup>3</sup> TLV <sub>(Total)</sub> 10 mg/m <sup>3</sup>
Zinc Oxide	Chinese White	1314-13-2	<8	PEL <sub>(Respirable)</sub> 5 mg/m <sup>3</sup> PEL <sub>(Total)</sub> 15 mg/m <sup>3</sup> TLV <sub>(Respirable)</sub> 2 mg/m <sup>3</sup> ACGIH STEL <sub>(Respirable)</sub> 10 mg/m <sup>3</sup>
Nonhazardous as per 29 CFR 1910.1200.	None	None	>66	None Established

SECTION 3: HAZARD IDENTIFICATION

Primary Route of Exposure: Inhalation, Ingestion  
 Signs and Symptoms of Exposure: May cause slight skin, eye and nasal irritation. Ethylene glycol is a human poison by ingestion. If ingested, ethylene glycol causes central nervous system stimulation followed by depression; may result in kidney damage.  
 Medical Conditions Aggravated by Exposure: None Known  
 Chronic Effects: Repeated exposure to ethylene glycol by ingestion and inhalation routes has been reported to cause pulmonary kidney and liver changes.  
 Carcinogenicity: Titanium dioxide is classified by IARC as a 2B carcinogen, *possibly carcinogenic to humans*. However, in the manner in which this material is applied, inhalation exposure to titanium dioxide is not anticipated.

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SECTION 4: FIRST AID MEASURES

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First Aid Procedures:	Hold eyelids open and flush immediately with gentle stream of water for at least 15 minutes, preferably at eyewash fountain. Get medical attention if irritation persists. In case of accidental ingestion; do not induce vomiting. If conscious, give the individual large amounts of water to drink. Get medical attention and advise the physician of the nature of the material.
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SECTION 5: FIRE FIGHTING PROCEDURES

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Suitable Extinguishing Media:	Alcohol foam, Carbon dioxide, dry chemical.
Hazardous Combustion Products:	Carbon dioxide, carbon monoxide, oxides of nitrogen, acrid smoke and irritating fumes, and zinc oxide fumes.
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:	None Known

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SECTION 6: PRECAUTIONS FOR SAFE HANDLING AND USE

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Steps to Be Taken in Case Material is Released or Spilled:	Eliminate all ignition sources. Use absorbent material to absorb liquid. Shovel into open container.
Precautions to Be Taken in Handling and Storing:	Should be stored between 50° and 90° F. Keep material away from heat, sparks, and open flames. Prevent material from freezing. Avoid prolonged or repeated contact with the skin. Keep out of the reach of children. Containers of this material should be tightly closed to prevent contamination.

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SECTION 7: EXPOSURE CONTROLS / PERSONAL PROTECTION

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Ventilation:	Use in a well-ventilated location.
Respiratory Protection:	If local exhaust ventilation cannot maintain an exposure level below the established PEL or TLV for this product or any of its components, a NIOSH approved respirator, as is determined by the end-user, is warranted.
Eye Protection:	Safety glasses with side shields may be necessary when applying this product.
Skin Protection:	Natural rubber gloves for direct handling may be necessary.
Other:	None required.
Work / Hygienic Practices:	Wash exposed skin prior to eating, drinking and smoking, and at the end of each shift. Wash contaminated clothing prior to reuse.

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SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

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Appearance and Odor:	Light gray with slight odor		
Flash Point:	240 °F	Lower Explosive Limit:	Unknown
Method Used:	Pensky-Martene closed tester (ASTM D93-80)	Upper Explosive Limit:	Unknown
Evaporation Rate:	<1 (Butyl Acetate = 1)	Boiling Point:	212 °F

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pH (undiluted product):	Unknown	Melting Point:	Unknown
Solubility in Water:	Partly	Specific Gravity:	1.4 (Water=1)
Vapor Density:	Unknown	Percent Volatile:	31
Vapor Pressure:	Unknown		

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SECTION 9: STABILITY AND REACTIVITY

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Thermal Stability:	Stable
Hazardous Polymerization:	Will Not Occur
Conditions to Avoid:	May emit toxic materials when heated to 350° F or above.

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SECTION 10: TRANSPORTATION

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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

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SECTION 11: MISCELLANEOUS INFORMATION

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Additional Comments:	None
Date of Previous MSDS:	July 31, 2008
Changes Since Previous MSDS:	Company name change
Telephone Number for Additional Information:	(317) 575-7190

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DISCLAIMER

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