

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

January 12, 2009

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SECTION 1: PRODUCT IDENTIFICATION

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|--------------------------|--|
| Product Name: | Acrylitop PC-100 |
| Chemical Name / Synonym: | Acrylic Coating PC-100 |
| Chemical Family: | Mixture |
| 24-Hour Emergency Phone: | (800) 424-9300 CHEMTREC |
| Manufacturer's Name: | Firestone Building Products Company |
| Manufacturer's Address: | 250 West 96 th Street, Indianapolis, IN 46260 |
| NFPA Hazard Rating: | Health 1, Flammability 1, Reactivity 0 |
| HMS 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 (aerosol only) 100 mg/m ³ |
| Titanium Dioxide | Titanium Oxide | 13463-67-7 | <18 | PEL _(Total) 15 mg/m ³ TLV _(Total) 10 mg/m ³ |
| Zinc Oxide | Chinese White | 1314-13-2 | <8 | PEL _(Respirable) 5 mg/m ³ PEL _(Total) 15 mg/m ³ TLV _(Respirable) 2 mg/m ³ ACGIH STEL _(Respirable) 10 mg/m ³ |
| Nonhazardous as per 29 CFR 1910.1200. | None | None | >66 | None Established |

SECTION 3: HAZARD IDENTIFICATION

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| 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, <i>possibly carcinogenic to humans</i> . 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

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.

SECTION 5: FIRE FIGHTING PROCEDURES

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

SECTION 6: PRECAUTIONS FOR SAFE HANDLING AND USE

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.

SECTION 7: EXPOSURE CONTROLS / PERSONAL PROTECTION

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.

SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: White, gray or tan liquid with slight odor

Flash Point: 240 ° F Lower Explosive Limit: Unknown

Method Used: Pensky-Martene closed Upper Explosive Limit: Unknown
tester (ASTM D93-80)

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|-------------------------|------------------------|-------------------|------------------|
| Evaporation Rate: | <1 (Butyl Acetate = 1) | Boiling Point: | 212 ° F |
| 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 | | |

SECTION 9: STABILITY AND REACTIVITY

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

SECTION 10: TRANSPORTATION

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|------------------------|----------------|
| Regulatory Agency: | Not Applicable |
| 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

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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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