

GenFlex Roofing Systems Material Safety Data Sheet

March 3, 2014

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SECTION 1: PRODUCT IDENTIFICATION

Product Name: Vapor Shield Water Based Primer
Chemical Name / Synonym: Water Based Primer
Chemical Family: Mixture
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 0, Reactivity 0
HMIS Hazard Rating: Health 1, Flammability 0, Reactivity 0

SECTION 2: CHEMICAL COMPOSITION

Chemical Name:	Common Name:	CAS #:	% (by wt)	Exposure Limits:
Ethylene Glycol	Glycol; Ethylene Alcohol	107-21-1	0.1-1	ACGIH CEIL 100 ppm
Nonhazardous as per 29 CFR 1910.1200.	None	None	≥99	None Established

SECTION 3: HAZARD IDENTIFICATION

Primary Route of Exposure: Inhalation, skin
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 nausea, abdominal pain & vomiting, convulsions, central nervous system stimulation followed by depression; may result in kidney damage. Death can result. Ethylene glycol may penetrate skin damaged by eczema and (with sufficient contact and absorption) cause similar response as if ingested.
Medical Conditions Aggravated by Exposure: None Known
Chronic Effects: Repeated exposure to ethylene glycol by ingestion and inhalation routes has been reported to cause kidney and liver changes.
Carcinogenicity: None.

SECTION 4: FIRST AID MEASURES

First Aid Procedures: Wash contaminated skin thoroughly with soap and water. If irritation develops and persists, seek medical attention. If eye contact, 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. In case of effects from inhaling vapors, remove to fresh air. If respiratory irritation persists or respiration becomes labored, seek medical attention.

SECTION 5: FIRE FIGHTING PROCEDURES

Suitable Extinguishing Media: Alcohol foam, carbon dioxide, dry chemical, sand.
Hazardous Combustion Products: Carbon dioxide, carbon monoxide, acrid smoke and irritating fumes.

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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: If possible, stop leak, contain spill, prevent from entering waterways or sewers. Use absorbent material such as sand or earth to absorb liquid. Shovel into appropriate container. Dispose of product according to local regulations.

Precautions to Be Taken in Handling and Storing: Should be stored in a cool well-ventilated area out of direct sunlight. Avoid temperatures less than 41° and greater than 194° F. 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. Do not cut, drill or weld on empty containers.

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 using this product.

Skin Protection: Gloves, such as nitrile, neoprene, or PVC 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: Blue liquid with slight solvent odor.

Flash Point: Non-flammable Lower Explosive Limit: Not Applicable

Method Used: Not Applicable Upper Explosive Limit: Not Applicable

Evaporation Rate: Unknown (Butyl Acetate = 1) Boiling Point: 212° F

pH (undiluted product): 7-9 Melting Point: Not Applicable

Solubility in Water: Soluble Specific Gravity: 1 (Water=1)

Vapor Density: Unknown Percent Volatile: Unknown

Vapor Pressure: Unknown

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SECTION 9: STABILITY AND REACTIVITY

Thermal Stability:	Stable
Hazardous Polymerization:	Will Not Occur
Conditions to Avoid:	Acids.

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:	Not applicable. New product.
Changes Since Previous MSDS:	Not applicable
Telephone Number for Additional Information:	(317) 575-7190

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