

GenFlex Roofing Systems

Material Safety Data Sheet

October 28, 2008

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SECTION 1: PRODUCT IDENTIFICATION

Product Name: All Purpose Water Based Bonding Adhesive TM
Chemical Name / Synonym: None
Chemical Family: Mixture
24-Hour Emergency Phone: (800) 424-9300 CHEMTREC
Manufacturer's Name: GenFlex Roofing Systems, 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:
2-Propenoic Acid, Butyl Ester, Polymer with Ethenyl Acetate and 2-Propenenitrile	Acrylate Polymer	28063-87-8	10-30	None Established
Copolymer Acrylate, Acrylonitrile	None	EPA TSCA Registered	10-30	None Established
Vinyl Acetate	Ethylene Acetate	108-05-4	0.1-1	TLV 10 ppm ACGIH STEL 15 ppm
Nonhazardous as per 29 CFR 1910.1200.	None	EPA TSCA Registered	>80	None Established

SECTION 3: HAZARD IDENTIFICATION

Primary Route of Exposure: Inhalation, eye contact, skin contact
Signs and Symptoms of Exposure: May cause irritation of the eyes, skin and respiratory system. Vinyl acetate LC₅₀: 4,000 ppm/4hr, rat; vinyl acetate LD₅₀ (oral): 2.9 g/kg, rat; vinyl acetate LD₅₀ (skin): 2.3 g/kg, rabbit.
Medical Conditions Aggravated by Exposure: Respiratory disorders.
Chronic Effects: No known adverse effects.
Carcinogenicity: IARC has classified vinyl acetate as a 2B carcinogen, *possibly carcinogenic to humans*.

SECTION 4: FIRST AID MEASURES

First Aid Procedures: For eyes, flush with large amounts of water, lifting upper and lower lids occasionally, get medical attention. For skin contact, wash affected area thoroughly with soap and water. For inhalation, remove to fresh uncontaminated air. In case of accidental ingestion, do not induce vomiting. Get medical attention and advise the physician of the nature of the material.

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SECTION 5: FIRE FIGHTING PROCEDURES

Suitable Extinguishing Media:	Material will not burn. If involved in fire, use appropriate extinguishing media as needed for other materials involved in the fire.
Hazardous Combustion Products:	Thermal decomposition products may include oxides of carbon, smoke and fumes.
Recommended Fire Fighting Procedures:	Wear impermeable protective clothing and self-contained breathing apparatus.
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:	Absorb liquid on inert material. Transfer to secured container for proper disposal.
Precautions to Be Taken in Handling and Storing:	Do not allow product to freeze. Keep containers tightly sealed. Containers should be opened in a well-ventilated area.

SECTION 7: EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation:	Use in a well ventilated area. General ventilation should be adequate.
Respiratory Protection:	No special requirements are expected under normal conditions and use.
Eye Protection:	The wearing of safety glasses or chemical splash goggles when pouring, mixing or applying this material may be needed. Assessment of need must be completed by the end user of this product.
Skin Protection:	The wearing of chemical resistant gloves when pouring, mixing or applying this material may be needed to prevent skin irritation in sensitive individuals. Assessment of need must be completed by the end user of this product.
Other:	No special requirements are expected under normal conditions and use.
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:	Cream colored liquid with slight odor.		
Flash Point:	Not Applicable	Lower Explosive Limit:	Not Applicable
Method Used:	Not Applicable	Upper Explosive Limit:	Not Applicable
Evaporation Rate:	<diethyl ether	Boiling Point:	212° F
pH (undiluted product):	8	Melting Point:	Not

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Solubility in Water:	Soluble	Specific Gravity:	Applicable
Vapor Density:	Heavier than air	Percent Volatile:	1.1
Vapor Pressure:	Not Determined		Not Determined

SECTION 9: STABILITY AND REACTIVITY

Thermal Stability:	Stable
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Freezing temperatures.

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 5, 2008
Changes Since Previous MSDS:	Chemical composition information in section 2; complete re-formatting of MSDS.
Telephone Number for Additional Information:	(317) 575-7190

DISCLAIMER

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