Firestone Building Products Company
Material Safety Data Sheet

SECTION 1: PRODUCT IDENTIFICATION

Product Name:	Water-Based Bonding Adhesive
Chemical Name / Synonym:	Proprietary Emulsion
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 0, 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:
Antimony Pentoxide	Stibic Anhydride	1314-60-9	1.6	PEL 0.5 mg/m^3 (as Sb) TLV 0.5 mg/m^3 (as Sb)
Mineral Spirits	Stoddard Solvent	8052-41-3	7	PEL 500 ppm TLV 100 ppm
Nonhazardous as per 29 CFR 1910.1200.	None	EPA TSCA Registered	>91.4	None Established

SECTION 3: HAZARD IDENTIFICATION

Primary Route of Exposure:	Inhalation and ingestion
Signs and Symptoms of Exposure:	No health hazards have been identified for this product. Antimony compounds may cause local irritation to the skin and mucous membranes. Antimony Pentoxide may be toxic through an intraperitoneal route into the body. Antimony Pentoxide (intraperitoneal) LD_{50} = 4 mg/kg, rats.
Medical Conditions Aggravated by Exposure:	None known.
Chronic Effects:	No known adverse effects.
Carcinogenicity:	None.

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.

SECTION 5: FIRE FIGHTING PROCEDURES

Suitable Extinguishing Media:	For the dried product, water spray, alcohol foam, or carbon dioxide.
Hazardous Combustion Products:	Thermal decomposition products may include hydrocarbons, oxides of carbon, nitrogen and sulfur, acid gases (HCl and HBr).
Recommended Fire Fighting Procedures:	Wear impermeable protective clothing and self-contained breathing apparatus.
Unusual Fire and Explosion Hazards:	None

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:	Store between 45°F and 90°F. Keep containers tightly sealed.

SECTION 7: EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation:	Use in a well ventilated area.
Respiratory Protection:	No special requirements are expected under normal conditions and use.
Eye Protection:	The use of safety glasses or chemical splash goggles when pouring, mixing or applying this material may be warranted.
Skin Protection:	The use of chemical resistant gloves when pouring, mixing or applying this material may be warranted.
Other:	Impervious clothing and boots if appropriate.
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:	Grey colored liquid, slight odor.		
Flash Point:	170º F	Lower Explosive Limit:	None
Method Used:	Unknown	Upper Explosive Limit:	None
Evaporation Rate:	Not Applicable	Boiling Point:	212° F
pH (undiluted product):	7.5 - 8.5	Melting Point:	Not Applicable
Solubility in Water:	Dilutable	Specific Gravity:	1.03
Vapor Density:	Equal to Water	Percent Volatile:	43% (wt) at 70° F
Vapor Pressure:	Equal to Water		
VOC Content:	18 gm/L		

SECTION 9: STABILITY AND REACTIVITY

Thermal Stability:	Stable
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Do not allow this product to freeze. This product is incompatible with strong oxidizing agents, acids, and bases.

SECTION 10: TRANSPORTATION

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

Additional Comments:	None.
Date of Previous MSDS:	September 28, 2009
Changes Since Previous MSDS:	Review only.
Telephone Number for Additional Information:	(317) 575-7190

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