



Albi Manufacturing

Division of StanChem, Inc.
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Date of Preparation: 08/08/06

Section I - Product Identification

Product Number: 16X0017
Product Name: Albi Clad 800
Product Class: Intumescent Mastic

Section II - Hazardous Ingredients

Ingredient	Percent Wt.	Occupational Exposure Limits				Skin	Vapor Pressure @20°C (mmHg)
		ACGIH TLV (ppm)	TWA (ppm)	OSHA STEL (ppm)	Ceiling (ppm)		
t-Butyl Acetate CAS #[540-88-5]	19.3	200	200	200		34	
1-methoxy-2- acetoxypropane CAS #[108-65-6]	3.2	NE	NE	NE		3.7	
Solvent Naphtha (petroleum) Medium Aliphatic CAS #[64742-88-7]	3.2	100	100	NE		2.9	
Ethylene Glycol Monobutyl Ether CAS #[111-76-2]	2.7	NE	20	NE		0.4	
Xylene* CAS #[1330-20-7]	2.0	100	100	150		6.0	
Aromatic Petroleum Distillates CAS #[64742-95-6]	2.0	NE	NE	NE		N/A	
Isopropyl Alcohol CAS #[67-63-0]	1.3	400	400	NE		2.1	

* Contains ethylbenzene CAS # [100-41-4]

Section III - Physical Data

Boiling Range: 180°F-350°F (82-177°C)
Vapor Density: Heavier Than Air
Evaporation Rate: Slower Than Butyl Acetate
VOC Content (g/l): 248
Weight per Gallon: 10.0 - 11.0 #/gal.

Section IV - Fire and Explosion Hazard Data

Flammability Classification:

OSHA: Flammable Liquid - Class 1C
DOT: Flammable Liquid
Flash Point: 86°F - COC - ASTM D-93A
LEL: 1.7% @ 21.2°F.

Extinguishing Media: Foam Alcohol Foam CO₂ Dry Chemical Fog

Section IV - Fire and Explosion Hazard Data (Cont.)

Unusual Fire and Explosion Hazards:	Keep container tightly closed. Isolate from heat, electrical equipment, sparks, and open flame. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. Vapors are heavier than air. Vapors may travel across the ground and reach remote ignition source causing a flashback fire.
Special Firefighting Procedures:	Fight as volatile liquid fire. Closed containers may explode when exposed to extreme heat. Use water to keep exposed containers cool. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

Section V - Health Hazard Data

Effects of Overexposure:	Inhalation: Over exposure can lead to irritation of the respiratory tract or central nervous system depression producing such effects as nausea, and loss of consciousness. Can be narcotic at high concentrations. Skin: Primary irritation. Eyes: Primary irritation.
Medical Conditions Prone to Aggravation by Exposure:	Sinus and Dermatitis
Primary Route(s) of Entry:	Dermal Inhalation
Carcinogenicity:	NTP? No IARC Monographs? Ethylbenzene - Group 2B OSHA Regulated? No
Emergency and First Aid Procedures:	Inhalation: Remove individual to fresh air. Administer oxygen if breathing is difficult. Skin: Wash thoroughly with soap and water. Remove contaminated clothing. Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician. Ingestion: Dilute immediately with clear fluid. Call a physician or Poison Control Center.

Section VI - Reactivity Data

Stability:	Stable
Hazardous Polymerization:	Will Not Occur
Hazardous Decomposition Products:	Carbon monoxide and/or carbon dioxide may be released when exposed to elevated temperatures over 500°F.
Conditions To Avoid:	None
Incompatibility (materials to avoid):	Oxidizing agents.

Section VII - Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled:	Avoid all sources of ignition. Avoid breathing vapors. Ventilate area. Stop spill at source; dike to prevent spreading. Pump liquid into containers. The remainder should be removed with inert absorbent, using non-sparking tools.
Waste Disposal Method:	Dispose of in accordance with local, state and federal regulations.

Section VIII - Safe Handling and Use Information

Respiratory Protection:	Approved chemical/mechanical filters designed to remove a combination of organic vapors and solid airborne particles from overspray during application.
Ventilation:	Local exhaust as required by job conditions to keep TLV below acceptable limits. Refer to OSHA regulations 29 CFR Part 1910.94.
Protective Gloves:	WEAR APPROPRIATE CHEMICAL RESISTANT GLOVES.
Eye Protection:	Use safety eyewear with splash guards or side shields.
Other Protective Equipment:	Wear protective clothing.
Hygienic Practices:	Eye wash and shower should be available. Use under well ventilated conditions. Personnel should wash thoroughly after handling product. Always wash-up before eating, smoking or using the toilet facilities. Do not breathe vapors, do not contact eyes, skin, and clothing.

Section IX - Special Precautions

Precautions To Be Taken in Handling and Storing: Keep away from heat and open flames.

Other Precautions: Avoid contact with eyes and skin. Avoid breathing vapors.

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