Architectural Specifications
Ekena Millwork Polyurethane

1.1 Product Description

1.1.1	Ekena Millwork® Urethane products are made with high density polyurethane with an overall density similar to white pine at 13 to 17 pounds per cubic foot. The Ekena urethane process provides a greater skin density than core density for increased durability.
1.1.2	All products are manufactured with a white or semi-white color coating. Further, these products receive a primer coat finish before they are shipped to customers. The combination of the integral shell-like skin, the barrier coat, and the primer top coat provide an excellent substrate for durable finishes.
1.1.3	Ultra violet rays do not affect properly coated products.
1.1.4	The compressive strength of polyurethane products falls within the 300-400 P.S.I. range. (The parts are not intended for structural use).
1.1.5	The tensile strength of polyurethane products falls within the 350-400 P.S.I. range. (The parts are not intended for structural use.)
1.1.6	The degree of flexibility of any given polyurethane product is determined by the size and shape of its cross section.
1.1.7	Ekena urethane has a closed cell structure which provides protection from most solvents and renders it almost completely hydrophobic. It will not rot.
1.1.8	All Ekena urethane products resist the growth of mildew and fungus and further provide no nutritional value for other organisms such as small rodents.

1.2 Submittals

1.2.1	Submit Ekena urethane product data and shop drawings for customer approval.

2.1 Acceptable Manufacturer

2.1.1	Ekena Millwork 2300 W. Main St. Clarksville, TX 75426 Phone: 866/607-0453 Fax: 866/371-4472 Email: sales@ekenamillwork.com Web: ekenamillwork.com

3.1 Installation

3.1.1	Ekena Millwork, Inc. urethane products are handled in the same manner as wood millwork.
3.1.2	Ekena adhesives refer to model PL Premium.
3.1.3	Fasteners refer to nails, screws, bolts etc.
3.1.4	Ekena adhesives and fasteners must be used for installing all Ekena products on concrete, metal, vinyl or wood. Adhesive must be used on all joints to ensure the beauty of your installation for years to come.

3.2 Finishing

3.2.1	Ekena Millwork, Inc. products are supplied with a white or beige primer base coat, ready for finishing top coat. A good quality exterior or latex or oil base paint may be used on rigid Ekena, Inc. product. The surface must be clean, dry, and free from all greases or waxes before all finish work is begun.

3.3 Warranty

3.3.1	Ekena Millwork, Inc. warrants its Ekena urethane product upon the following conditions against defects in materials and workmanship for the product's lifetime when used and installed under recommended conditions. Purchaser and installer must inspect each piece prior to installation. Both parties waive all defects which could have been discovered by reasonable inspection prior to installation.
3.3.2	Warranty will automatically be void if Ekena installation methods are not used as per section on Installation.
3.3.3	In the event claim is made under this warrant, Ekena has the right to inspect the part and determine at their discretion, that the parts supplied are defective. Ekena will repair, or if necessary, replace the defective parts if returned freight prepaid to Ekena place of manufacturing. If Ekena determines the parts cannot be repaired or replaced, Ekena will refund to the distributor the amount paid to Ekena for the said defective parts.
3.3.4	Ekena shall have no liability to any person, firm or corporation whatsoever for incidental or consequential damages such as but not limited to, labor, finishing, parts damaged by freight carriers, freight charges, installation, lost profits, and lost sales or the like.
3.3.5	No purchaser may take any deduction or credit against any amount owed to Ekena or make any charge back without the expressed written consent of Ekena.
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MSDS
Ekena Millwork Polyurethane

EKENA MILLWORK

Section 1 General Product & Company Information

Address	Ekena Millwork 2300 W. Main St. Clarksville, TX 75426
Telephone	866-607-0453
Fax	866-591-3143
Chemical Name	Foamed Polyurethane

Section 2 Hazardous Ingredients

Hazards	None Known

Section 3 Physical / Chemical Characteristics

Density	5 - 42 lbs per cubic foot
Boiling Point	N/A Material is Solid
Vapor Pressure	N/A Material is Solid
Melting Point Vapor	N/A
Density	N/A
Evaporation Rate	N/A
Appearance	Exterior - White, Off-White, or Yellow Interior - White or Yellow
Odor	None

Section 4 Fire & Explosion Hazard Data

Flash Point	N/A
Extinguishing Method	Dry Chemical, CO2, Foam, or Water
Special Firefighting Procedures	Wear approved self-contained breathing apparatus
Unusual Fire & Explosion Hazard	N/A

Section 5 Reactivity Data

Stability	Stable - Yes Unstable - No
Conditions to Avoid	Avoid an open flame
Hazardous Decomposition Products	Combustion may form CO, CO2, Benzene, Nitrogen Oxides, and/or Hydrogen Cyanide.
Hazardous Polymerization	None will occur

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Section 6	Health Hazard Data
Acute	Cutting, Grinding, or Sanding polyurethane foam can generate dust. This dust may cause respiratory irritation if inhaled.
Routes of Entry	
Skin	Possible
Ingestion	Possible
Threshold Limit Value (TLV)	None Established
Chronic	None Known
Signs/Symptoms of Exposure	Eye and/or respiratory tract irritation. Redness and/or swelling on areas of contact.
Emergency/First Aid	
Inhalation	Remove from area if dust is inhaled. Consult physician if irritation continues.
Eye Contact	Flush eyes with water. Consult physician if irritation continues.

Section 7	Precautions for Safe Handling and Disposal:
Waste Disposal Method:	Disposal in accordance with local, state, and federal regulations for disposal of solid waste.
Special Precautions:	Store in a temperature-controlled environment away from extreme heat, cold, and flame or possible.
Steps to be taken if material is released or spilled	N/A

Section 8	Control Measures
Respiratory Protection:	No Respirator necessary.
Ventilation:	Adequate ventilation when cutting or sanding is required.
Protective Gloves:	Not necessary, but suggested.
Eye Protection:	Safety glasses with eye shields when cutting or moving.
Other Protective Clothing or Equipment:	Eye wash station should be available.

NOTE: All information is this document is believe to be accurate as of 8/1/2010