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## MATERIAL SAFETY DATA SHEET

### PRODUCT IDENTIFICATION

Trade Name and Synonyms	Kemlite ETR® Translucent Roof Panel
Chemical Name and Synonyms	Reinforced Plastic Panels (frp)
Chemical Family	Polymerized Thermoset Polyesters
DOT Hazard Classification	Not Applicable

### COMPOSITION/INFORMATION ON INGREDIENTS

Panels are solid sheets composed of a mixture of polyester resin, inorganic fillers, pigments, processing additives, and fiberglass reinforcement. During the manufacturing process, this mixture is cured or hardened into a stable, solid material that is non-hazardous when handled or processed in accordance with good manufacturing and industrial hygiene practices.

### HAZARDS IDENTIFICATION

Threshold Limit Value (TLV)	Fabricating, cutting, drilling, etc. of frp may produce dust, which should be controlled. Particulate level should not exceed 30M ppcf.
Primary Route of Entry	Inhalation of or skin contact with dust.
Effects of Overexposure	Exposure to dust in excess of TLV may result in skin or upper respiratory tract irritation. Pre-existing skin or respiratory disorders may cause more susceptibility to these effects.

### PHYSICAL DATA

Boiling Point	Not applicable
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Specific Gravity (water=1)	1.4-1.6
% Volatile (by volume)	Not applicable
Solubility in Water	Insoluble
Appearance and Odor	Rigid sheet, a slight odor may be noticed when working with this material. This odor comes from the PVC coating applied to the tear resistant fabric/screen.

### FIRST AID MEASURES

Inhalation of Dust	Remove from source of exposure into fresh air. Ensure clear airway. Get medical help.
Prolonged Skin Contact	Remove contaminated clothing. Wash skin with warm water and soap. Skin cream could be helpful.
Eye Contact	Flush with running water for 15 minutes or more.
Ingestion of Dust	Do not induce vomiting. Get medical help.

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## **FIRE AND EXPLOSION DATA**

<b>Flash Point</b>	Not Applicable
<b>Ignition Temperature</b>	Typically 650°F or higher for frp panels.
<b>Extinguishing Media</b>	Water, CO <sub>2</sub> , dry chemical.
<b>Fire Fighting Procedures</b>	Use media best suited to fire environment. Use water to cool fire-exposed containers and to flush spills from ignition sources. Use self-contained breathing apparatus for large scale fires.
<b>Unusual Fire or Explosion Hazards</b>	As with other wood and plastic materials, combustion will yield toxic materials such as carbon monoxide (CO) and carbon dioxide (CO <sub>2</sub> ), and may also yield aliphatic and aromatic hydrocarbons and halogenated compounds.

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## **REACTIVITY DATA**

<b>Stability and Incompatibility</b>	Stable under normal use conditions. Hazardous polymerization will not occur.
<b>Hazardous Decomposition Products</b>	See information in Fire and Explosion Data above.

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## **ENVIRONMENTAL INFORMATION**

<b>Handling and Storing Precautions</b>	Store away from heat, open flame, other ignition sources and incompatible materials (see above).
<b>Miscellaneous</b>	Do not eat or drink in fabrication areas.
<b>Spill or Leak Procedures</b>	Not applicable
<b>Waste Disposal</b>	Dispose of as solid waste in compliance with all applicable local, state, and federal regulations.

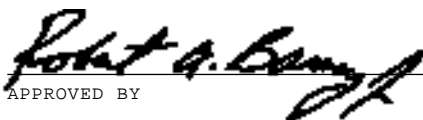
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## **PERSONAL PROTECTION INFORMATION**

<b>Respiratory Protection</b>	Use adequate ventilation to control dust when machining, cutting, drilling, etc. Cover nose and mouth with mask approved by NIOSH/OSHA.
<b>Eye Protection</b>	Use goggles or safety glasses when machining, cutting, drilling, etc. Have eye washes available.
<b>Skin Protection</b>	Wear protective gloves, long pants and long sleeves when machining, cutting, drilling, etc. Wash skin with soap and water after handling. Wash dusty work clothes separately.

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