

LUMAsite® - *Distributed by ArchitecturalPlastics, Inc.*

LUMAsite® Material Safety Data Sheet for fiberglass-reinforced acrylic panels
Revised 9/3/02

SECTION 1 - Material Identification

Product names: Panels marketed under the LUMAsite® and AMAC™ trade names.
Appearance: Solid flat plastic panels in translucent or opaque whites and colors.

SECTION 2 – Composition

Panels are composed of cured acrylic resin and fiberglass mat reinforcement. Resin and reinforcement contents fall within the ranges indicated below:

Acrylic polymer	65 to 85% by weight
Fiberglass reinforcement	15 to 35% by weight
Methyl methacrylate monomer	trace

SECTION 3 - Hazard Identification

Fire hazard: Fiberglass-reinforced acrylic sheets are flammable. Fire precautions similar to those appropriate for wood-based products should be observed. Use the following extinguishing media: water spray, dry chemical or carbon dioxide. Fire-fighters must wear appropriate self-contained breathing apparatus and full protective gear.

Fabrication hazard: Dust generated during cutting and fabricating can be hazardous. Wear a protective mask to avoid inhaling the dust.

- Dust may be irritating to the eyes. Wear eye protection. If irritation develops, flush eyes with water. Get medical attention if irritation persists.
- Dust may be irritating to the skin. Wash dust from exposed skin using mild soap and cool water. Wash protective clothing separately.
- Over-heating reinforced acrylic materials can produce fumes. Use exhaust ventilation during fabrication if necessary. If nausea, headache or dizziness occur, move to fresh air.

SECTION 4 - Special Protection

- Wear heavy-duty work gloves to protect hands from sharp edges. This is particularly important when handling thinner gauges.
- Wear eye protection during handling and fabrication.
- Wear respiratory protection to avoid inhaling the dust. Dust generated during cutting and machining can be hazardous.
- Wear protective clothing if necessary to minimize exposure to the dust. Wash protective clothing separately. Dust generated during cutting and machining can be irritating to skin.

SECTION 5 - Storage and Handling

- Store at ambient temperatures. The material is combustible. Fire precautions similar to those appropriate for wood-based products should be observed.
- Wear heavy-duty work gloves to protect hands from sharp edges. This is particularly important when handling thinner gauges.
- Wear eye protection during handling and fabrication.

SECTION 6 - Toxicity

These materials are solid sheets, and are not hazardous under normal conditions of storage, handling and installation. Cutting and machining can produce hazardous dust and vapors. Refer to Section 3 for additional information.