

AMERICAN ACRYLIC CORPORATION

400 Sheffield Avenue • West Babylon, New York 11704
(631) 422-2200 • (800) 627-9025 • Fax (631) 422-2811

MATERIAL SAFETY DATA SHEET for fiberglass-reinforced acrylic panels

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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 combustible. 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 occurs, 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.

Dust generated during cutting and machining can be hazardous. Wear respiratory protection to avoid inhaling the dust.

Dust generated during cutting and machining can be irritating to skin. Wear protective clothing if necessary to minimize exposure to the dust. Wash protective clothing separately.

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.