

MATERIAL SAFETY DATA SHEET

2512

Rev. 04

Feb. 2005

MSDS

PRODUCT IDENTIFICATION

Trade Name and Synonyms	Structoglas®, Polyplate®, Everlite®, Super 600®, Weatherglaze®, Kemlite Fiberglass Cooling Tower Panels and Sequentia® Corrugated Panels
Chemical Name and Synonyms	Fiberglass Reinforced Plastic (frp) or grp panels
Chemical Family	Not applicable
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	1.5–1.7
Vapor Density (air=1)	Not applicable
Specific Gravity (water=1)	1.2–1.8
% Volatile (by volume)	Not applicable
Solubility in Water	Not applicable
Appearance and Odor	Flat/corrugated panel

FIRST AID MEASURES

Inhalation of Dust	Avoid inhalation if dust is created.
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.

FIRE AND EXPLOSION DATA

Flash Point	Not applicable.
Ignition Temperature	Typically 650°F or higher for frp panels
Extinguishing Media	Water, CO ₂ , dry chemical
Fire Fighting Procedures	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.
Unusual Fire or Explosion Hazards	As with other building materials, combustion will yield toxic materials such as carbon monoxide (CO) and carbon dioxide (CO ₂), and may also yield aliphatic and aromatic hydrocarbons and halogenated compounds.

REACTIVITY DATA

Stability and Incompatibility	Stable under normal use conditions.
Hazardous Decomposition Products	Not applicable.

ENVIRONMENTAL INFORMATION

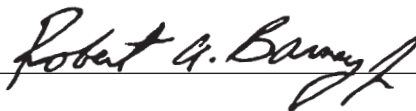
Handling and Storing Precautions	Store in a dry location away from heat or open flame.
Miscellaneous	Do not eat or drink in fabrication areas.
Spill or Leak Procedures	Wear a dust mask and eye protection if dust is created.
Waste Disposal	Incineration or landfill in accordance with local, state, and federal regulations.

PERSONAL PROTECTION INFORMATION

Respiratory Protection	Respiratory protection should be worn if dust is created.
Eye Protection	Use goggles for protection if dust is created
Skin Protection	Wear protective cloth or leather gloves.

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