

MATERIAL SAFETY DATA SHEET



Manufacturer's Address: LAMILUX
Heinrich Strunz GmbH
Zehstraße 2
D-95111 Rehau
Tel.: +49 (0)9283/ 595 0
Fax: +49 (0)9283/ 595 290

Product identification

Trade Name and Synonyms: LAMILUXplan - Super 1000, Super 3000, Super 1000 Extra, Super 500 Flex, Super 1500 Flex, High Gloss 4000, LamiLite
Chemical Name and Synonyms: Reinforced Plastic Panels (frp)
Chemical Family: Polymerized Thermoset Polyesters
DOT Hazard Classification: Not applicable

Ingredients and product hazard information

LAMILUX products are mixtures formed as solid sheets composed of some or all of the following: fiberglass, titanium dioxide and pigment embedded in a cured styrenated thermoset polyester matrix.

Threshold Limit Value (TLV): Fabricating, cutting, drilling etc. of frp may produce dust, which should be controlled. Particulate level should not exceed 30 M 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.

First aid procedures

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.

Personal protection information

Respiratory Protection: Use adequate ventilation to control dust when machining, cutting, drilling etc. Cover nose and mouth with mask approved by NIOSH/OSHA.
Eye Protection: Use goggles when machining, cutting, drilling etc. Have eye washes available.
Skin protection: 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.

The above is accurate to the best of our knowledge. However, since data, safety standards and government regulations are subject to change, and the conditions of use or misuse are beyond our control, LAMILUX MAKES NO WARRANTY, EITHER EXPRESSED OR IMPLIED, ABOUT THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN, AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. User should be satisfied that he/she has all current data relevant to his/her particular use. date: March 2008



Physical properties

Boiling Point:	NA Specific Gravity (water=1)	1,2 - 1,5
Vapor Pressure:	NA % Volatile (by volume)	NA
Vapor Density (air=1):	NA Solubility in Water	Insoluble
Appearance and Odor:	Rigid sheet, no significant odor.	

Fire and explosion data

- Flash Point Material is classified as nonflammable.
- Ignition Temperature Typically 650 ° F or higher for frp panels.
- Extinguishing Media Water, CO2 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 (CO2), and may also yield aliphatic and aromatic hydrocarbons and halogenated compounds.

Reactivity data

Stability and Incompatibility Stable under normal use conditions.

Hazardous polymerization will not occur. Avoid contact with alkali, strong mineral acid or other oxidizers.

Hazardous Decomposition Products: See information in Fire and Explosion Data above.

Environmental information

Handling and Storing Precautions Store away from heat, open flame, other ignition sources and incompatible materials (see above).

Miscellaneous: Do not eat or drink in fabrication areas

Spill or Leak Procedures NA

Waste disposal Dispose of as solid waste in compliance with all applicable local, state and federal regulations.

The above is accurate to the best of our knowledge. However, since data, safety standards and government regulations are subject to change, and the conditions of use or misuse are beyond our control, LAMILUX MAKES NO WARRANTY, EITHER EXPRESSED OR IMPLIED, ABOUT THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN, AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. User should be satisfied that he/she has all current data relevant to his/her particular use. date: March 2008