

# 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.

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## 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 (CO<sub>2</sub>), 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.

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