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## SAFETY DATA SHEET

Section 1:  
Chemical Product  
and Company  
Information

**Product Name:** Lamitex Grades – G10, G11, FR4, FR5  
**Other/Generic Names:** Glass Epoxy Laminate  
**Recommended Use:** Industrial Use of Thermoset Laminate  
**Manufacturer:** Franklin Fibre-Lamitex Corporation  
903 East 13<sup>th</sup> Street  
Wilmington, DE 19802  
**Emergency Telephone:** 1-302-652-3621

Section 2:  
Hazard(s)  
Identification

**GHS Hazard Classification:** No hazards are associated with this product as shipped. Hazards are associated with product only after further processing (machining, punching) or after thermal decomposition.

Dust generated from further processing or fumes generated from thermal decomposition:

Health, Specific target organ toxicity, single exposure, 3.

Health, Skin corrosion/irradiation, 2.

Health, Eye damage/irritation, 2B.

Physical, Combustible dust.

**Hazard Pictogram:** Not applicable for product as shipped. For dust generated from further processing or fumes generated from thermal decomposition:



**Signal Word:** Not applicable for product as shipped. For dust generated from further processing or fumes generated from thermal decomposition:

**WARNING**

Section 2:  
*continued*  
Hazard(s)  
Identification

**Hazard Statement(s):** Not applicable for product as shipped. For dust generated from further processing or fumes generated from thermal decomposition:

May cause respiratory irritation.

Causes skin irritation.

Causes eye irritation.

May form combustible dust concentrations in air.

**Precautionary Statement(s):**

**Prevention:** For dust generated from further processing or fumes generated from thermal decomposition:

Wear protective gloves & clothing to avoid dust contact with skin, wear protective glasses to avoid dust contact with eyes, avoid breathing dust or fumes, process only when adequate ventilation and dust controls are in place.

**Response:** For dust generated from further processing or fumes generated from thermal decomposition:

If on skin, wash thoroughly with water. If skin irritation persists, consult a physician. Remove contaminated clothing and wash before reuse.

If in eyes, irrigate cautiously with flowing water for 15 minutes, remove contact lenses if easy to do. If eye irritation persists, consult a physician.

If overcome by dust or fumes, remove to fresh air and keep comfortable for breathing. Consult a physician if not breathing or feeling unwell.

If dust becomes airborne, reduce levels below concentrations required to cause explosive conditions.

**Storage:**

The product as shipped requires no specific storage considerations

**Disposal:**

The product as shipped is not considered hazardous. Be sure to follow all local, state and federal regulations when considering a disposal method.

Section 3:  
Composition/  
Information on  
Ingredients

No hazardous ingredients at reportable levels are present in this product as shipped.

Section 4:  
First-aid  
Measures

For dust generated from further processing or fumes generated from thermal decomposition:  
If on skin, wash thoroughly with water. If skin irritation persists, consult a physician. Remove contaminated clothing and wash before reuse.  
If in eyes, irrigate cautiously with flowing water for 15 minutes, remove contact lenses if easy to do. If eye irritation persists, consult a physician.  
If overcome by dust or fumes, remove to fresh air and keep comfortable for breathing. Consult a physician if not breathing or feeling unwell.

Advice to physician: Treat symptomatically.

Section 5:  
Fire Fighting  
Measures

May give off toxic gases of NO<sub>x</sub>, CO, and CO<sub>2</sub> when burning or heated to point of thermal decomposition. Grades FR4 and FR5 may also give off hydrogen bromide toxic gases. Fire fighters should wear proper protective equipment and positive pressure self-contained breathing apparatus. Use water, CO<sub>2</sub> or dry chemical to fight fire.

Section 6:  
Accidental  
Release  
Measures

Material as shipped is in solid form. Accidental release is not normally a consideration.

Section 7:  
Handling and  
Storage

Handle only with proper protective equipment and in environments where adequate ventilation is available to avoid exposure to dust and fumes and which can reduce airborne concentrations to levels sufficiently low to avoid combustion. The product as shipped requires no specific storage considerations.

Section 8:  
Exposure  
Controls and  
Personal  
Protection

Use local exhaust ventilation to control dust. Use protective gloves and protective clothing if dust will come in contact with skin. Use protective glasses if dust will come in contact with eyes. If dust exposure will exceed exposure guidelines, use an approved dust respirator.

**Exposure Guidelines:**

<b>Ingredient Name:</b>	<b>CAS#</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>
Fibrous Glass Dust	(65997-17-3)	10mg/m <sup>3</sup>	None

Section 9:  
Physical and  
Chemical  
Properties

Form: Flat sheets, tubes, and rods; color dependent on pigment content.  
Odor (if any): none  
Specific Gravity: none

# SAFETY DATA SHEET

# LAMITEX GRADES – G10, G11, FR4, FR5

Section 10:  
Stability and  
Reactivity: This product is stable under expected handling and storage conditions. Incompatibilities have not been determined. If heated in excess of 300°C, products of combustion could include: NO<sub>x</sub>, HBr, CO, and CO<sub>2</sub>, oxides of sulfur.

Section 11:  
Toxicological  
Information No data available.

Section 12:  
Ecological  
Information No data available

Section 13:  
Disposal  
Considerations Product as shipped is NOT considered a RCRA hazardous waste. However, disposal must be made in accordance with all local, state and federal regulations.

Section 14:  
Transport  
Information Product as shipped is NOT a DOT regulated material.

Section 15:  
Regulatory  
Information Specific regulatory considerations should be addressed as they arise. Due to changing regulatory environments, it is not possible to list all considerations.

Section 16:  
Other Information Revision date 10/1/2015

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