



Franklin Fibre-Lamitex Corporation
903 East 13th Street, Wilmington, DE 19802 USA
Phone: 302.652.3621 Toll Free: 800.233.9739
Fax : 302.571.9754
Email: info@franklinfibre.com
Web: www.franklinfibre.com

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 13th 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

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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.

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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_x, CO, and CO₂ 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, CO₂ 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:

Ingredient Name:	CAS#	ACGIH TLV	OSHA PEL
Fibrous Glass Dust	(65997-17-3)	10mg/m ³	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

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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_x, HBr, CO, and CO₂, 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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