

# Safety Data Sheets – Glass Grades

## **1. Identification:**

Product Name: G-3, G-5, G-7, G-9, G-10, FR4, G-11

Other/ Generic Names: Glass-Epoxy Fabric Laminate

Recommended Use: Industrial Use of Thermoset Laminate

Manufacturer: Atlas Fibre LLC  
3411 Woodhead Drive  
Northbrook, IL 60062

Emergency Contact Information: Product as shipped is NOT hazardous and is NOT regulated for transportation. For non-transportation emergencies, contact authorities as require by conditions.

## **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**

**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 and 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 when applicable. If eye irritation persists, consult a physician.
- If overcome by dust or fumes, relocate to fresh air and keep comfortable while breathing.
- Consult a physician if not breathing or if 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.

**3. Composition/ Information on Ingredients:**

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

#### **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 when applicable. If eye irritation persists, consult a physician.

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

Advice to physician: Treat symptomatically

#### **5. Fire Fighting Measures:**

May give off toxic gases hydrogen bromide, CO and CO<sub>2</sub> when burning or headed to point of thermal decomposition. 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.

#### **6. Accidental Release Measures:**

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

#### **7. Handling and Storage:**

Handle only with proper protective equipment or 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.

#### **8. Exposure Controls/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 (TWA)</b>
Fibrous Glass Dust	(65997-17-3)	10mg/m <sup>3</sup>	None

**9. Physical and Chemical Properties:**

Form: Solid, flat sheet or rod, color dependent on pigment

Odor (if any): No data

Specific Gravity: No data

**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: Hydrogen Bromide gas, CO and CO<sub>2</sub>.

**11. Toxicological Information:**

No data available

**12. Ecological Information:**

No data available

**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

**14. Transport Information**

Product as shipped is NOT a DOT regulated material.

**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.

After reviewing the manufacturing processes and vendor supplied Safety Data Sheets, we have determined that our finished materials do not contain any substances on the CA Proposition 65 list, dated June 28, 2019.

While 1 chemical on the list is used in trace amounts in the manufacturing process, (Formaldehyde (50-00-0) as a gas), that compound is not identifiable in the final product.

Atlas Fibre Co. does not regularly review the CA Prop 65 list of substances. Therefore, while this statement is accurate as of the date on this letter, it may not be for future shipments, depending on changing raw materials and changes to the list itself.

You may use this link <https://www.p65warnings.ca.gov/> to access a list of “Consumer Products” which require a Proposition 65 warning label. This labeling requirement does not apply to Atlas Fibre’s products.

The Office of Environmental Health Hazard Assessment (OEHHA)  
<https://oehha.ca.gov/proposition-65>

**16. Other Information:**

Revision Date: January 27, 2021

**END OF SAFETY DATA SHEET**