

MANUFACTURING SINCE 1957 • ISO 9001:2015

Phenolic Grades

Safety Data Sheet — Phenolic-Cotton Fabric Laminate

GRADES

X • XX • XXX • C • CE
L • LE • N-1

REVISED

2026-01-12

AS SHIPPED This product is **not hazardous** and is **not regulated for transportation**. Hazards arise only after further processing — machining, punching — or after thermal decomposition.

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01 Identification

Product Name	X, XX, XXX, C, CE, L, LE, N-1
Other / Generic Names	Phenolic-Cotton Fabric Laminate
Recommended Use	Industrial use of thermoset laminate
Manufacturer	Atlas Fibre Company 3411 Woodhead Drive, Northbrook, IL 60062
Emergency Contact	Product as shipped is NOT hazardous and is NOT regulated for transportation. For non-transportation emergencies, contact authorities as required by conditions.

02 Hazard(s) Identification

GPS 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 FROM FURTHER PROCESSING · FUMES FROM THERMAL DECOMPOSITION

- **Health** · Specific target organ toxicity, single exposure, 3
- **Health** · Eye damage / irritation, 2B
- **Health** · Skin corrosion / irritation, 2
- **Physical** · Combustible dust

Hazard Pictogram



Not applicable for product as shipped. Applies to dust generated from further processing or fumes generated from thermal decomposition.

Signal Word

WARNING

Not applicable for product as shipped. Applies to dust or fumes as noted above.

HAZARD STATEMENTS

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 STATEMENTS — 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, and process only when adequate ventilation and dust controls are in place.

PRECAUTIONARY STATEMENTS — 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 the eyes, irrigate cautiously with flowing water for 15 minutes, removing 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. Follow all local, state, and federal regulations when considering a disposal method.

03 Composition / Information on Ingredients

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

04 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 the eyes, irrigate cautiously with flowing water for 15 minutes, removing 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.

05 Fire Fighting Measures

May give off toxic gases of CO, CO₂, and phenol when burning or heated to the point of thermal decomposition. Fire fighters should wear proper protective equipment and positive-pressure self-contained breathing apparatus. Use water, CO₂, or dry chemicals to fight fire.

06 Accidental Release Measures

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

07 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 to reduce airborne concentrations to levels sufficiently low to avoid combustion. The product as shipped requires no specific storage considerations.

08 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.

INGREDIENT	CAS #	ACGIH TLV	OSHA PEL (TWA)
Total Dust	N/A	N/A	15 mg/m ³

09 Physical and Chemical Properties

FORM

Solid — flat sheet or rod; color dependent on pigment

ODOR

Possible slight phenolic

SPECIFIC GRAVITY

1.35

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 phenol, CO, and CO₂.

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

PROPOSITION 65 STATEMENT

Atlas Fibre reviews supplier Safety Data Sheets and available manufacturing information for materials supplied. Based on this review and on reasonably foreseeable use, finished machined products do not require a Proposition 65 warning under normal handling and use.

Certain raw materials, sheets, or panels may require a Proposition 65 warning if they are cut, drilled, sanded, or otherwise machined, as these activities may generate dust that could result in exposure to listed substances. Where applicable, appropriate Proposition 65 warnings are provided in accordance with California law.

Proposition 65 determinations are made based on information available at the time of shipment and applicable regulatory requirements.

For general information about Proposition 65, visit www.P65Warnings.ca.gov.

16 Other Information

Revision Date 1/12/2026

QUESTIONS ON THIS MATERIAL

Talk to Atlas Fibre about phenolic grades.

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