

SAFETY DATA SHEET

Acouline Polyester Fibre Acoustic Panel

Product name	Acouline Polyester Fibre Acoustic Panel
Product form	Solid polyester fibre acoustic panel
Recommended use	Building material, interior decoration and furniture/acoustic applications
SDS issue date	27 August 2026
Revision	1.0
Source report	Sigma Testing & Inspection Services report QR01F210105P03601

Emergency	Australia: call 000 for life-threatening emergencies. Poisons Information Centre: 13 11 26 (24 hours). Provide this SDS and product label where possible.
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Supplier

Australian supplier	Furnx Pty Ltd (Acouline) — ABN 80 111 723 829
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Telephone	+61 7 3263 1848
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Website	www.rapidline.com.au

1. Identification

Product identifier	Acouline Polyester Fibre Acoustic Panel
Other names	Polyester fibre acoustic panel; PET acoustic panel
Identified uses	Building material, decoration, furniture and interior acoustic treatment
Uses advised against	No specific uses advised against in the source report. Do not use outside the product specification.

2. Hazard identification

GHS status	Based on the source report, the panel is not classified as a dangerous good. No GHS signal word, pictogram or hazard statement is assigned in the source report.
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Potential acute effects

- Eyes: Dust or direct contact may cause slight irritation, including redness, swelling or tearing.
- Skin: Contact may cause slight irritation.
- Inhalation: Excessive dust inhalation may cause slight respiratory irritation.
- Ingestion: May irritate the digestive tract.

Chronic effects

The source report states the material is not listed as a carcinogen or potential carcinogen by NTP, IARC or OSHA.

Hazard ratings (source report)

System	Health	Flammability	Physical / instability	Special
HMIS	0	1	0	PPE: A
NFPA (estimated)	0	1	0	None

3. Composition / information on ingredients

Ingredient	Concentration	CAS number	Classification
Polyester fibre	100%	80595-68-2	Not classified in source report

4. First-aid measures

Route	First-aid response
Eye contact	Remove contact lenses if easily possible. Flush with plenty of water for at least 15 minutes. Obtain medical attention if irritation occurs or persists.
Skin contact	Wash with soap and water and rinse thoroughly. Seek medical advice if irritation persists.
Inhalation	Move the person to fresh air. Obtain medical attention if symptoms occur. If unconscious, place in the recovery position for transport.
Ingestion	Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person. If a large quantity is swallowed, seek immediate medical attention.

Most important symptoms and effects

Slight irritation may occur following eye, skin or excessive dust exposure. Gastrointestinal irritation, nausea, vomiting or diarrhoea may occur following ingestion.

Medical attention / treatment

Treat symptomatically. No specific antidote is identified in the source report.

5. Firefighting measures

Flammability	The source report describes the material as flammable.
Suitable media	Carbon dioxide, foam, dry powder or water spray. For larger fires use water spray or alcohol-resistant foam.
Explosion limits	Lower: no data available. Upper: no data available.
Hazardous combustion products	Carbon monoxide; irritating gases may be generated by thermal decomposition or combustion.

Advice for firefighters

Evacuate the area and fight the fire from the maximum practicable distance. Wear full protective clothing and self-contained positive-pressure breathing apparatus.

6. Accidental release measures

For an intact solid article, collect panels or offcuts mechanically. For dust or fragments, avoid generating airborne dust and place material in a suitable waste container. Keep unprotected persons away and minimise skin contact. No special environmental precautions are identified for normal use.

After collection, clean the affected surface and dispose of waste in accordance with local requirements. See Sections 7, 8 and 13.

7. Handling and storage

Safe handling

- Provide adequate ventilation or local extraction where cutting or machining generates dust.
- Avoid breathing dust and avoid unnecessary contact with skin and eyes.
- Keep ignition sources away and do not smoke in handling or storage areas.
- Use suitable protective clothing and equipment for machining operations.

Safe storage

- Store in a dry, well-ventilated area away from heat, ignition sources and direct sunlight.
- Restrict unauthorised access and prohibit smoking, eating and drinking in storage and work areas.
- Keep opened packaging properly closed. Do not conduct hot work on empty packaging or containers.

8. Exposure controls / personal protection

No DNEL, PNEC or occupational exposure limits are provided in the source report. Controls should be selected according to the task and the amount of dust generated.

Control	Recommendation
Engineering	Use local mechanical exhaust when cutting, routing, sanding or otherwise generating dust. Provide eyewash facilities where practicable.
Eye / face	Safety glasses as good industrial practice; use sealed eye protection where dust levels warrant it.
Hands / skin	Protective gloves and suitable work clothing.
Respiratory	Use a suitable particulate/dust respirator where ventilation does not adequately control airborne dust.
Hygiene	Wash hands before eating, drinking, smoking or using the restroom. Keep out of reach of children.

9. Physical and chemical properties

Property	Value	Property	Value
Form	Solid	Colour	Grey in source sample; supplied in various colours
Odour	Odourless	Water solubility	Insoluble
pH	Not available	Boiling point	Not applicable
Flash point	Not available	Ignition temperature	Not available
Density	Not available	Oxidising properties	Not an oxidising substance

10. Stability and reactivity

Reactivity	No data available.
Chemical stability	Stable under normal temperatures and pressures.
Hazardous reactions	No dangerous reactions known.
Conditions to avoid	Extreme temperatures, ignition sources and contact with incompatible chemicals.
Incompatible materials	Strong acids, strong alkalis and strong oxidising agents.
Decomposition products	Carbon monoxide and carbon dioxide.

11. Toxicological information

Likely routes	Eye contact, skin contact, inhalation of dust and ingestion.
Acute oral toxicity	Rat LD50: no data available.
Acute inhalation toxicity	Rat LC50: no data available.
Skin	May cause irritation.
Eyes	May cause irritation.
Inhalation	Dust may cause respiratory irritation, coughing or shortness of breath.
Ingestion	May cause gastrointestinal irritation, nausea, vomiting or diarrhoea.
General	The source report states that when properly handled in accordance with good work practices, the product is not dangerous to human health or the environment.

12. Ecological information

Aquatic toxicity	No data available.
Persistence / degradability	The product is not expected to be substantially biodegradable.
Bioaccumulation	No data available.
Mobility in soil	No data available.
PBT / vPvB	Not applicable in the source report.
Other adverse effects	No further relevant information available.

13. Disposal considerations

Uncontaminated product may be recycled where a suitable facility accepts polyester/PET fibre panel material. Dispose of product, dust, contaminated material and packaging in accordance with applicable local, state and federal requirements.

Firefighting water and other substances used to extinguish a fire, together with fire residues, should be collected and appropriately disposed of.

14. Transport information

UN number	Not assigned.
UN proper shipping name	Not assigned for the solid panel product.
Transport hazard class	Not assigned.
Packing group	Not assigned.
Marine pollutant	No.
Special precautions	Protect packages from falling, damage, rain, fire, ignition sources and high heat. Transport with suitable fire-fighting equipment. Do not transport with food or animal feed.
Bulk transport	Not applicable.

15. Regulatory information

The source MSDS was prepared in accordance with US OSHA Hazard Communication Standard 29 CFR 1910.1200 and cites ANSI Z400.1/Z129.1-2010. The source report states that a chemical safety assessment was not carried out.

Australian use	This branded SDS has been prepared from the supplied US-format source report. Users must assess workplace controls and regulatory duties applicable to their Australian jurisdiction and specific use.
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16. Other information

Prepared by	Furnx Pty Ltd for the Acouline product range
Issue date	27 August 2026
Revision	1.0 — initial Acouline issue
Primary source	Sigma Testing & Inspection Services, report QR01F210105P03601, dated 7 January 2021

Abbreviations

CAS: Chemical Abstracts Service; DNEL: Derived No-Effect Level; GHS: Globally Harmonized System; HMIS: Hazardous Materials Identification System; IARC: International Agency for Research on Cancer; NFPA: National Fire Protection Association; NTP: National Toxicology Program; OSHA: Occupational Safety and Health Administration; PBT: persistent, bioaccumulative and toxic; PNEC: Predicted No-Effect Concentration; vPvB: very persistent and very bioaccumulative.

Disclaimer

The information in this SDS is based on the supplied manufacturer report and sources believed to be reliable. It is provided without warranty, express or implied, as to completeness or accuracy. Conditions of handling, storage, use and disposal are outside the supplier's control. Users are responsible for determining the suitability of the product and controls for their application. If the panel is incorporated into another product, this information may not apply to the finished product.