

MATERIAL SAFETY DATA SHEET

PROBOND UltraFR®

1 PRODUCT IDENTIFICATION

Product Name: PROBOND UltraFR®
Aluminium Composite Panel

Intended Use: Composite material for long lasting applications such as exterior cladding, internal fitouts, trailer and recreational vehicle cladding, display stands and long term signage applications including pylon signs and fascias.

Manufacturer: PROBOND Architectural
130 Broderick Road, Lara VIC 3214

Phone: 1300 72 73 74

2 HAZARDS IDENTIFICATION

Classification:
PROBOND UltraFR® is defined as an article under the OSHA Hazard Communications standard. The standard applies to "chemicals" but it does not apply to any substance, which is an "article". The term "article" is defined in the OSHA warning rule, as a manufactured item:

- 1) which is formed to a specific design during manufacture,
- 2) which has end use function(s) dependent in whole or in part upon its' shape or design use during end use,
- and 3) which does not release, or otherwise result in exposure to hazardous chemical under normal conditions of use.

Further hazards to man and environment:

By the intended use of the material there is no danger to health or environment is expected.

3 COMPOSITION/PHYSICAL QUALITIES

Chemical composition:	CAS Number	% by Weight
Non-Organic Fillers	Not applicable	40-50%
Aluminium	7429-90-5	30-45%

4 FIRST-AID MEASURES

General information:

This product is not considered to be a health hazard in it's original solid form and when used for the intended application. If the product is altered through mechanical processing - such as edging, milling, drilling, melting, welding - or any other manner that causes the release of fumes or dusts, hazardous levels of fumes or dusts may be generated.

If contact with skin or eyes, wash immediately under water for at least 15 minutes.

For inhalation exposure, remove to fresh air. Contact a physician.

No product related accidents or illnesses are known.

5 FIRE FIGHTING MEASURES

Suitable extinguishing media:

Water, foam, CO₂, dry chemical powder

Special firefighting procedure:

Self-contained breathing apparatus should be worn.

Thermal decomposition:

May produce water, carbon monoxide, carbon dioxide, and smoke upon combustion.

6 ACCIDENTAL RELEASE MEASURES

A release should not occur. However, if this product is mechanically processed, dusts may be generated.

Should a release of dusts occur, contain by blocking routes to surface water and grassy areas. Clean up by sweeping and depositing into a closed container.

Personal Protective Environment Requirements:

Safety glasses, dust respirator and gloves.

7 HANDLING AND STORAGE

Handling precautions:

Use gloves when working with the material.

Exercise caution in handling all edges.

Aviod dust formation.

Storage Requirements:

Store material in a flat dry area, protect against moisture.

8 EXPOSURE CONTROLS

This product is not considered to be a health hazard in it's original solid form and when used for the intended application. If the product is altered through mechanical processing - such as edging, milling, drilling, melting, welding - or any other manner that causes the release of fumes or dusts, hazardous levels of fumes or dusts may be generated from these materials or constituents of these materials. Aluminum fumes or dust are subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Personal protection equipment:

Respiratory: In case of dust formation: fine dust mask

Hand protection: Use gloves while handling material

Eye protection: Recommendation protective goggles

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid sheet, sandwich construction

Colour: Various

Odour: Odourless

Melting point: Aluminium > 477°C, Core > 99°C

Boiling point: No data

Flash point: Composites - (ASTM D-1929) > 417°C

Evaporation rate: NA

Flammability: Not Flammable

Upper/lower explosive limit: NA

Vapor Pressure: NA

Vapor Density: NA

Specific Gravity: Aluminum 2.70-2.73 g/ccm range

Core 1.5 - 1.7 g/ccm range

Insoluble in water

Solubility:

Partition coefficient:

NA

Auto-Ignition: Composite - (ASTM D-1929) > 417°C

Core - N/A

Decomposition temperature:

No Data

Viscosity: NA

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10 STABILITY AND REACTIVITY

General information:

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

Stability: Stable

Incompatibility: None known

Decomposition products:

Reference: "Thermal decomposition", Section V

11 TOXICOLOGICAL INFORMATION

No information available

12 ECOLOGICAL INFORMATION

No information available

General information:

According to present knowledge no adverse influence to environment expected.

13 DISPOSAL CONSIDERATIONS

Recommendation:

If recycling is not possible observe local/state/federal regulations when material is disposed.

Uncleaned packaging:

If recycling is not possible observe local/state/federal regulations when material is disposed.

Care must be taken when using or disposing of material debris to prevent environmental contamination. Dispose of the debris in accordance with the Clean Air Act, the Clean Water Act, the Resource Conservation and Recovery Act and all state or local laws / regulations regarding disposal.

14 TRANSPORT INFORMATION

Land transport ADR/RID:

Road ADR: Valuation: Not regulated for transport

Railway RID: Valuation: Not regulated for transport

Transport by sea IMDG-Code:

Valuation: Not regulated for transport

Marine Pollutant: No

Air transport ICAO-TI/IATA-DGR:

Valuation: Not regulated for transport

15 REGULATORY INFORMATION

Warning Label (EC):

R-phrases: Not applicable

S-phrases: Not applicable

National regulations:

National and local regulations must be observed.

16 OTHER INFORMATION

The product/s itself contains no dangers for health or environment. Dangers in the industrial applications can only arise through mechanical processing (edging, milling, drilling, etc.) due to dust, shavings and sharp edges.

Further information:

The enclosed information describes exclusively the safety requirements of the product/s and is based on present-day knowledge.

It does not represent a guarantee for the properties of the product/s described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet.

Data Sheet issued by:

PROBOND Architectural
130 Broderick Road, Lara VIC 3214