PROBOND®

MATERIAL SAFETY DATA SHEET
PROBONDultra®

1 PRODUCT IDENTIFICATION

Product Name: PROBOND Ultra®
Aluminium Composite Panel
Intended Use: Composite material for display applications. Ideal for long lasting signage, including pylon signs and facia, trailer cladding and internal fitouts and display stands.
Manufacturer: PROBOND Architectural
130 Broderick Road, Lara VIC 3214
Phone: 1300 72 73 74

2 HAZARDS IDENTIFICATION

Clasification: Product must not be classified according to EG-Directive 1999/45/EG

Further hazards to man and environment:
By the intended use of the material there is no danger for health and environment is expected.

3 COMPOSITION/PHYSICAL QUALITIES

Chemical characteristics:
PROBOND Aluminium Composite Panel consists of two aluminium skins which are laminated to a unique pure polyethylene core creating a rigid lightweight cladding panel.

Hazardous ingedients: Not applicable

4 FIRST-AID MEASURES

General information:
It is a solid material when used for the intended application.
No product related accidents or illnesses are known.
No special measures required.

Inhalation: Not applicable
Skin: Not applicable
Eye: Not applicable
Ingestion: Not applicable
Additional First Aid: Not applicable

5 FIRE FIGHTING MEASURES

Suitable extinguishing media:
Water spray, foam, carbon dioxide.

Extinguishing media which must not be used for safety reasons: Not applicable

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:
Hazardous combustion products: carbon dioxide (CO_2) and carbon monoxide (CO).
Gases can be toxic and irritating when the material is burning.

Special protective equipment for fire fighting:
Use respiratory protection independent of recirculated air.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment
Environmental precautions: No special requirements
Methods for cleaning up: Collect material for recycling

7 HANDLING AND STORAGE

Handling precautions:
Use gloves when working with the material.
Aviod dust formation.

Precautions against fire and explosion: Not applicable
Storage Requirements: Store material protected against moisture
Further information for storage: Not applicable
Storage classification VCI : 13

8 EXPOSURE CONTROLS / PERSONAL PROTECTION EQUIPMENT

Exposure limits
Exposure limited and controlled: Not applicable

Personal protection equipment:
Respiratory: In case of dust formation: fine dust mask P2
Hands: Use gloves while handling material
Eyes: Recommendation: protective goggles
Skin: Not required

Exposure to the environment limited and controlled: Not applicable

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Physical state / form: Solid
Colour: Various
Odour: Odourless

Important information about the protection of health, safety and the environment method:
Danger of explosion: The product is not explosive
Lower explosion limit (LEL): Not applicable
Upper explosion limit (UEL): Not applicable
Vapour pressure: Not applicable
Density: Approximately 0,28 – 0,65 (g/cm²) depending on panel thickness
Water solubility: Insoluble
pH-Value: Not applicable
Boiling point / boiling range: Not applicable
Melting point/melting range: Not applicable
Flash point: Not applicable
Ignition temperature: Not applicable

Other information:
Thermal decomposition:
Decomposition begins at temperatures > 360°C.

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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.

Conditions to avoid: Temperatures > 80°C

Materials to avoid:
Acids and bases; chemical reactions can release flammable, explosive hydrogen.

Hazardous decomposition products:
Burning of the coating can release toxic and irritating gases.

11 TOXICOLOGICAL INFORMATION

General information:
According to present experience, the material is physiologically compatible.

Toxicological tests: Not applicable

Experience with man:
By handling the product for many years no damage of health and environment was observed.

12 ECOLOGICAL INFORMATION

Ecotoxicity: The product has not been analyzed

Mobility: Not applicable

Persistence and degradability:
The product is stable if used under regular circumstances

Biodegradations / further information:
Biologically not degradable.

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.

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 and 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 above information describes exclusively the safety requirements of the product(s) and is based on our 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