

# MATERIAL SAFETY DATA SHEET

## Alutri panels

### SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product name:</b>	<b>Alutri panel</b>
<b>Applicable In:</b>	Australia
<b>Other Names:</b>	Aluminium-faced panels
<b>Recommended use:</b>	Decorative external facade and internal wall and signage applications
<b>Supplying Company:</b>	CSR Building Products Limited ABN 55 008 631 356
<b>Address:</b>	Level 3, 9 Help St Chatswood NSW 2067 Australia
<b>Telephone:</b>	1800 023 360 (available in Australia only)
<b>Website:</b>	www.bradcore.com.au
<b>Email:</b>	bradcore@csr.com.au
<b>Facsimile:</b>	+61 2 9372 5463
<b>Emergency Phone Number:</b>	Poisons Information Centre 13 11 26 (available in Australia only)

This Material Safety Data Sheet (MSDS) is issued by the Supplier in accordance with the Code and guidelines from the Australian Safety and Compensation Council (ASCC, formerly National Occupational Health and Safety Commission -NOHSC). The information in it must not be altered, deleted or added to. The Supplier will not accept any responsibility for any changes made to its MSDS by any other person or organization. The Supplier will issue a new MSDS when there is a change in product specifications and/or ASCC standards, guidelines, or regulations.

### SECTION 2: HAZARDS IDENTIFICATION

**STATEMENT OF HAZARDOUS NATURE:** product as supplied is classified as **Non Hazardous** according to the criteria of the Australian Safety and Compensation Council ASCC (formerly NOHSC) Approved Criteria For Classifying Hazardous Substances [NOHSC:1008] 3rd Edition.

Alutri panels are classified as **Non-Dangerous Goods** according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. This product is not specifically regulated by International Maritime Organisation or the International Maritime Dangerous Goods Code.

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Alutri panel is an aluminium composite comprising a polyethylene core sandwiched between two sheets of high strength aluminium skin. The external surface is coated with a decorative polymer-based finish.

<b>Chemical Name:</b>	<b>Proportion:</b>	<b>CAS Number:</b>
Polyethylene (Fibre reinforced phenolic resin core material)	>90%	
Aluminium	<10%	7429-90-5
Traces of various metals and metalloids and other compounds which may include Magnesium, Silicon, Iron, Copper, Manganese, Chromium, Nickel, Boron, Tin	<1%	various

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## SECTION 4: FIRST AID MEASURES

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Product as supplied is a solid structure and First Aid Measures are applicable only if there is over-exposure to dust or fumes from cutting, drilling or overheating.

**Swallowed:** Rinse mouth and lips with water. Do not induce vomiting. If symptoms persist, seek medical attention.

**Eyes:** Flush thoroughly with flowing water, while holding eyelids open, for 15 minutes to remove all traces. If symptoms such as irritation or redness persist, seek medical attention.

**Skin:** Remove heavily contaminated clothing. Wash off skin thoroughly with water. Use a mild soap if available. Seek medical attention for persistent redness or irritation of the skin.

**Inhaled:** Remove to fresh air. If symptoms persist, seek medical attention.

**Advice to Doctor:** Treat symptomatically.

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## SECTION 5: FIRE FIGHTING MEASURES

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**Flammability:** Non flammable. Clouds of fine dust may present an explosion hazard, however due to product form the potential for this is minimal. Reaction with acids or alkalis may generate flammable gas.

**Suitable extinguishing media:** In a fire situation DO NOT use water or foam. Extinguish with dry chemical Class D extinguisher or smother with dry, uncontaminated sand.

**Hazards from combustion products:** Smoke and fumes in any major fire are hazardous. Non specific.

**Special protective precautions and equipment for fire fighters:** None specific over usual practice.

**Hazchem Code:** None

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**Spills and waste material:** No specific measures required. Collect and reuse where possible.

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## SECTION 7: HANDLING AND STORAGE

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**Handling:** Apply measures consistent with Manual handling Regulations and Code of Practice.

**Storage:** Store away from strong alkalis, halogens, oxidising agents and chlorinated hydrocarbons. Prevent contact with all strong acids including hydrochloric acid, sulphuric acid, nitric acid and strong alkalis eg. potassium hydroxide and sodium hydroxide.

**Incompatibilities:** Reaction with acids or alkalis may generate flammable gas.

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## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

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This section applies to dust or fume from cutting, grinding or drilling of Alutri panels.

**Exposure Standards:** **National Occupational Exposure Standard (NES) Australian Safety and Compensation Council, ASCC (formerly NOHSC)**  
Exposure to any dust or fume should be kept as low as practicable, and below the following NES for nuisance dusts. Total dust (of any type, or particle size): 10 mg/m<sup>3</sup> Aluminium: 5 mg/m<sup>3</sup> (fume), 10 mg/m<sup>3</sup> (dust).

**Engineering Controls:** Keep exposures to dust or fumes as low as practicable if cutting or abrading the

**Ventilation:** panels. Open air work or use of natural ventilation (opening of doors and windows in buildings) generally provides adequate ventilation. Local mechanical ventilation or extraction may be required in areas where dust standards cannot be achieved.

**Personal Protection**

**Skin Protection:** Excessive or repeated skin contact should be avoided by wearing long sleeved shirts and long trousers, a cap or hat, and gloves (standard duty leather or equivalent AS 2161). Wash work clothes regularly. Wash hands before eating, or smoking.

**Eye Protection:** Ventilated non-fogging goggles (dust resistant AS/NZS 1336) should be worn when working in a dusty environment.

**Respiratory Protection:** None required if engineering and handling controls are adequate. A suitable P1 or P2 particulate respirator chosen and used in accordance with AS/NZS 1715 and AS/NZS 1716 may be appropriate in very dusty conditions.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance:</b>	Solid panels in various sizes and colours
<b>Odour:</b>	None
<b>pH, at stated concentration:</b>	Not determined
<b>Vapour pressure:</b>	Not determined
<b>Vapour Density:</b>	Not determined
<b>Boiling Point/range:</b>	Not applicable
<b>Freezing/Melting Point:</b>	Not applicable
<b>Solubility in water:</b>	Insoluble
<b>Solubility (Other):</b>	Not applicable
<b>Specific gravity: (H2O = 1)</b>	Not determined
<b>Evaporation Rate:</b>	Not applicable
<b>Flammability Limits:</b>	Not flammable
<b>Flash Point:</b>	Not applicable
<b>Explosive Properties:</b>	Not flammable

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## SECTION 10: STABILITY AND REACTIVITY

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**Chemical Stability:** Stable as supplied in panel form. Dust from cutting and drilling is stable, but will burn or emit fume if overheated.

**Incompatible Materials:** Store panels away from strong alkalis, halogens, oxidising agents and chlorinated hydrocarbons and any fire or explosion risks.

**Conditions to avoid:** Dust and fume generation when cutting or drilling panels.

**Hazardous Decomposition products:** None

**Hazardous Polymerisation:** None

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## SECTION 11: TOXICOLOGICAL INFORMATION

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**Toxicity Data:** No specific toxicity data is available for this product, however the dust of the product from cutting or drilling is of very low toxicity with LD50 predicted to be >5000 mg/kg.

**The following information is only applicable to dust or fumes from cutting or drilling the panels:**

### Health Effects

#### Acute (short term).

**Swallowed:** Unlikely under normal industrial use, but swallowing may result in abdominal discomfort.

**Eye:** Irritating to the eyes, causing watering and redness. May aggravate pre-existing eye conditions.

**Skin:** May cause mild irritation.

**Inhaled:** Excessive dust and fumes are mildly irritating to the nose, throat and respiratory tract and may cause coughing and sneezing. Pre-existing upper respiratory and lung diseases including asthma and bronchitis may be aggravated.

#### Chronic (long term):

**Eyes:** Dust and fumes may cause irritation and inflammation of the eyes and aggravate pre-existing eye conditions.

**Skin:** Repeated heavy contact with the dust may cause drying of the skin.

**Inhaled:** Repeated exposure to high levels of dust or fumes may result in increased nasal and respiratory secretions and coughing.

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## SECTION 12: ECOLOGICAL INFORMATION

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**Ecotoxicity:** Product is non-toxic to aquatic and terrestrial organisms.

**Persistence and Degradability:** Product is persistent and would have a low degradability.

**Mobility:** A low mobility would be expected in a landfill situation.

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## SECTION 13: DISPOSAL CONSIDERATIONS

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Alutri panel waste and dust should be treated as a common waste for disposal or dumped into a landfill site in accordance with local authority guidelines.

Measures should be taken to prevent dust generation. Exposure precautions should be observed (see Section 8).

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## SECTION 14: TRANSPORT INFORMATION

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<b>Transport Requirements:</b>	No special transport requirements are necessary.
<b>UN number:</b>	None allocated
<b>Class:</b>	None allocated
<b>Subsidiary Risk 1:</b>	None allocated
<b>Packaging Group:</b>	None allocated
<b>Hazchem code:</b>	None allocated
<b>DG Class:</b>	None allocated
<b>EPG:</b>	None
<b>Incompatibilities:</b>	None
<b>Proper Shipping Name:</b>	None allocated
<b>Marine Pollutant:</b>	No



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**SECTION 15: REGULATORY INFORMATION**

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**Poisons Schedule:** Not scheduled

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**SECTION 16: OTHER INFORMATION**

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**Emergency Contact Number:** Poisons Information Centre 13 11 26

For further information on this product, please contact :  
**Bradcore panel systems (see contact details in Section 1 of this sheet)**

**Additional information:**

Australian Standards References:

AS/NZS 1336 Recommended Practices for Occupational Eye Protection.

AS/NZS 1715 Selection, Use and Maintenance of Respiratory Protective Devices.

AS/NZS 1716 Respiratory Protective Devices.

AS 2161 Industrial Safety Gloves and Mittens (excluding electrical and medical gloves).

National Code of Practice for the Preparation of Material Safety Data Sheets 2<sup>nd</sup> Edition [NOHSC:2011(2003)], April 2003, National Occupational Health and Safety Commission.

**Authorised by:** CSR Building Products Limited.

**Date of issue:** November 2006

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END OF MSDS