

# Aluminium

## SAFETY DATA SHEET

DECOR8  
TILES

### Section 1: Identification- product identifier and chemical identity

Product Name: Graviton Aluminium Mosaic

Recommended Use: Metal for surface applications.

Supplier: Decor8 Tiles Pty Ltd  
ABN: 71 112 905 147  
Street Address: 26 Klauer Street, Seaford, Victoria, Australia, 3198

Telephone: (+61) 3 9544 2827

Website: [www.decor8tiles.com](http://www.decor8tiles.com)

### Section 2: Hazard (s) Identification

This substance is not classified as hazardous according to the approved criteria for classifying hazardous substances by Safe Work Australia. [NOHSC:1008(2004)].

Not classified as dangerous goods according to the Australian Dangerous Goods Code (ADG).

#### PREVENTATIVE MEASURES:

**P202** - Do not handle the material before having read and understanding all the safety instructions.

**P281** – Use personal protective equipment as required.

### Section 3: Composition and information on ingredients

Components	CAS Number	Percentage by weight
Aluminium	7429-90-5	100%

### Section 4: First Aid measures

**Eye contact:** Wash immediately with plenty of water for a minimum of 15 minutes. Seek medical attention immediately.

**Skin contact:** Wash the affected area with soap and plenty of water. Seek medical attention if adverse effects occur.

**Inhalation:** No specific measures.

**Ingestion:** If large amounts have been ingested, seek medical attention.

### Section 5: Firefighting Measures

**Specific hazards produced by the substance or mixture:** Non-combustible solid. Metal dust may form aluminium oxides above 650 °C.

**Advice for firefighters:** Use extinguishing media most suitable for the surrounding fire.

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### Section 6: Accidental release measures

**Personal precautions, protective equipment and emergency procedures:**

Personnel involved with cleanup must wear appropriate PPE.

**Precautions related to the environment:** Avoid generating dust. Do not allow product into drains, waterways or sewers. Clearly Label containers for disposal in accordance with your local regulation.

### Section 7: Handling and storage

**Handling advice:** Avoid and reduce as much as possible the creation of dust. Use respiratory protection equipment against particles. Wash hands with soap and water at the end of work.

**Storage Advice:** Store in a cool, dry Place.



Do not eat, drink or smoke in work areas

### Section 8: Exposure control and personal protection



**Foot protection:** Wear protective footwear.



**Respiratory protection.** Not normally required.



**Hand protection:** Wear protective gloves.



**Face and eye protection:** Glasses with strong frames.

### Section 9: Physical and chemical properties

**General Information:**

N/A= Not applicable

Appearance: Solid

Melting Point: 660 °c

Boiling Point: 2579 °c

Vapor pressure: N/A

Solubility in water: Insoluble

Vapor density: N/A

Soluble in alkalis, sulfuric acid,  
hydrochloric acid

Evaporation rate: N/A

Viscosity: N/A

Volatility: No VOCs

Odour: Odourless

### Section 10: Stability and Reactivity

**Chemical stability:** This product is stable.

**Possibility of dangerous reactions:** Not applicable.

**Incompatible materials:** Acids (e.g. hydrochloric acid), alkalis or oxidizing agents

**Hazardous decomposition products:** aluminium is strongly electropositive. It corrodes rapidly in contact with other metals.

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### Section 11: Toxicological information

**Primary Routes of Exposure:** Not applicable.

**Immediate Effects:** slightly hazardous in case of skin contact (irritant).

**Chronic Effects:** Contact dermatitis occurs rarely after aluminium exposure.

**Potential Adverse Interactions:** No adverse health effects are expected, if handled in accordance with MSDS data.

### Section 12: Ecological information

Do not allow product into drains, waterways or sewers.

### Section 13: Disposal considerations

Whatever cannot be salvaged should be removed and disposed of in accordance with relevant state regulations.

### Section 14: Transportation information

Metal material is not restricted in any of the following categories:

**Transport of dangerous goods (ADR).**

**International transport of dangerous goods by rail (rid).**

**Maritime transport (imo).**

**Air transport (icao / iata).**

### Section 15: Regulatory Information

This Safety Data Sheet (SDS) was prepared on 1/07/2024 by Decor8 Tiles in accordance with Safe Work Australia's 'Model Code of Practice':

<https://www.safeworkaustralia.gov.au/law-and-regulation#the-modelwhs-laws>

### Section 16: Other information

Always check with Decor8 Tiles Pty Ltd before using or supplying this material for other applications, different to those previously stated. The information in this document is to our knowledge up-to-date and accurate however, we cannot guarantee the recommendations or suggestions herein, as the material conditions of use are beyond our control. In addition, the contents of this safety data sheet must not be interpreted as a recommendation to use any product in violation of the laws, safety practices or patents in force on any material or its use. It is the responsibility of the recipient of our material to check the corresponding rules and regulations. Under no circumstances does the data contained in this Safety Data Sheet constitute a guarantee or warranty of specific properties or create any contractual relationship.