STUDIO

Material Safety Data Sheet

Studio Supermatte MDF Panels

Australia & New Zealand

October 2026

Elevate every space with *Studio.*

DISCLAIMER: This Safety Data Sheet is prepared in accordance with OSHA Hazard Communication Standard (29 CFR 1910.1200).
The information provided in this MSDS has been compiled from supplier data and publicly available technical references. No in-house analytical testing has been conducted on this product. The information is believed to be accurate as of the date of issue but is provided without warranty, express or implied.

SECTION 1 – IDENTIFICATION

PRODUCT NAME	Studio MDF panels
OTHER NAMES	Laminated MDF Panels
RECOMMENDED USE	Decorative panel for interior cabinetry, furniture, wall lining, and commercial fit-out applications in internal environments.
DESCRIPTION	Decorative cabinetry panel consisting of an E0 HMR MDF core bonded to a high-performance surface layer using a reactive adhesive system.
SUPPLIER / MANUFACTURE:	
COMPANY NAME	EGR Decor
ADDRESS	45 Machinery St, Darra, QLD, 4076
TELEPHONE NO	+61 (7) 3718 1100
EMAIL ADDRESS	info@egrdecor.com
WEBSITE	www.egrdecor.com
IN CASE OF EMERGENCY	+61 (7) 3718 1100

SECTION 2 – HAZARDS IDENTIFICATION

This product is a manufactured solid composite panel and is not classified as hazardous in its finished form.

Hazard Summary (Processing Hazards)

- No significant hazards when handled and used as intended.
- Dust generated during cutting, routing, or machining may cause mechanical irritation to eyes, skin, and respiratory tract.
- Wood dust generated during machining may present respiratory hazards with prolonged or repeated exposure.
- Product is combustible and may produce hazardous decomposition products when exposed to fire or excessive heat.

SIGNAL WORD	Not applicable (solid panel).

SECTION 3 – COMPOSITION INFORMATION ON INGREDIENTS

This product consists of:

- E0 HMR MDF (Moisture Resistant Medium Density Fibreboard) Core
- High-performance surface layer.
- Polyurethane Reactive (PUR) Adhesive System

Exact formulation and component percentages are proprietary and confidential.

SECTION 4 – FIRST AID MEASURES

In solid form, health hazards and first aid measures are most unlikely. For exposure to dust and fumes from secondary transformation, follow these guidelines:

Inhalation

- If dust or fumes are inhaled, move person to fresh air.
- Keep at rest and monitor breathing.
- Seek medical attention if symptoms persist or following exposure to combustion fumes.

Skin contact

- Wash skin with soap and water to remove dust.
- Remove contaminated clothing and launder before reuse.
- For burns caused by hot or molten material, seek immediate medical attention.

Eye Contact

- Flush eyes with clean water for at least 15 minutes.
- Remove contact lenses if present and easy to do so.
- Seek medical attention if irritation persists.

Ingestion

- Ingestion is unlikely for the intact product.
- Rinse mouth thoroughly with water.
- If large quantities are swallowed, seek medical advice.
- Do not induce vomiting unless directed by medical personnel.

Advice to Physician

Treat symptomatically. Monitor respiratory function following inhalation exposure to dust or combustion products. In cases involving fire fumes, evaluate for possible exposure to carbon monoxide and other combustion by-products.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

- Water spray (fog)
- Foam
- Dry chemical
- Carbon dioxide (CO_2)

Specific Hazards Arising from Combustion

- Combustion may produce carbon monoxide (CO), carbon dioxide (CO_2), acrylic decomposition products, aldehydes, organic vapours, and other irritating or toxic fumes.
- Dense smoke may be generated.
- Molten material may drip and cause burn hazards.

Protective Equipment for Firefighters

- Full structural firefighting protective clothing
- Self-contained breathing apparatus (SCBA)

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions

- Avoid generating airborne dust.
- Use appropriate PPE including respiratory, eye, and skin protection during clean-up.

Environmental Precautions

- Prevent dust or debris from entering drains, waterways, or soil.

Cleanup Methods

- Collect large pieces for reuse or disposal.
- Use vacuum extraction or wet collection methods for dust.
- Dispose of waste in accordance with local, state, and federal regulations.

SECTION 7 – HANDELLING AND STORAGE

Handling

- Avoid generating airborne dust.
- Use local exhaust ventilation during machining.
- Wear appropriate PPE when cutting, routing, sanding, or drilling.
- Handle panels carefully to avoid cuts from sharp edges.
- Maintain good housekeeping to minimise dust accumulation.

Storage

- Store in a clean, cool, dry, and well-ventilated area.
- Keep away from excessive heat, open flames, and direct sunlight.
- Store panels flat and fully supported to prevent bowing or distortion.
- Protect panels from moisture, contamination, and physical damage.
- Keep away from strong oxidising agents and aggressive chemicals.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

- No specific exposure limits have been established for the finished composite panel.
- Where machining generates wood dust, applicable workplace exposure limits should be observed.
- Follow OSHA nuisance dust exposure limits where applicable:
  - Total dust: 15 mg/m³ (OSHA PEL)
  - Respirable dust: 5 mg/m³ (OSHA PEL)

Engineering Controls

- Local exhaust ventilation and dust extraction during machining operations.
- General mechanical ventilation of work areas.
- Dust collection systems should be maintained in good operating condition.

Personal Protective Equipment (PPE)

- **Respiratory:** NIOSH-approved N95, P2, or equivalent respirator where dust is generated.
- **Eye:** Safety glasses with side shields or goggles.
- **Skin:** Cut-resistant gloves; long-sleeved clothing.
- **Other:** Safety footwear.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid decorative composite panel
ODOUR	Mild or odourless under normal conditions
PH	Not applicable
WATER SOLUBILITY	Insoluble
DENSITY	Approximately 700–850 kg/m³ (dependent on panel construction)

SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY	Stable under normal conditions.
CONDITIONS TO AVOID	Excessive heat, open flames, ignition sources, prolonged exposure to high temperatures.
INCOMPATIBLE MATERIALS	Strong oxidising agents, strong acids, and strong alkalis.
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon monoxide, carbon dioxide, organic vapours, acrylic decomposition products, aldehydes, smoke, and soot.

SECTION 11 – TOXICOLOGICAL INFORMATION

- Finished product is not expected to present acute health hazards under normal conditions of use.
- Dust generated during processing may cause mechanical irritation to eyes, skin, and respiratory tract.
- Prolonged or repeated inhalation of wood dust may cause respiratory irritation.
- No known chronic health effects from the intact product when used as intended.

SECTION 12 – ECOLOGICAL INFORMATION

- Product is insoluble and environmentally stable in solid form.
- Not readily biodegradable.
- Fragments and dust may persist physically in the environment.
- Avoid release into waterways, drains, and natural habitats.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of waste in accordance with local, state, and federal regulations.
Recycling is preferred where suitable facilities exist.
Landfill disposal should comply with applicable regulations relating to wood-based and plastic composite construction materials.

SECTION 14 – TRANSPORT INFORMATION

AUSTRALIA: Not classified as Dangerous Goods according to Australian transport regulations.

SECTION 15 – REGULATORY INFORMATION

- Dust exposure generated during processing is subject to applicable workplace exposure standards.
- MDF substrate complies with E0 formaldehyde emission classification requirements.
- Product complies with applicable Australian building material regulations when used as intended.

SECTION 16 – OTHER INFORMATION

Notice to reader

The information contained herein is believed to be accurate at the time of preparation and is provided for guidance purposes only. The supplier assumes no responsibility for misuse of the product or reliance on this MSDS beyond its intended scope.Users are responsible for ensuring compliance with all applicable regulations.

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