Safety Data Sheet

SDS

TUFFMOULDINGS

IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: TUFFMOULDINGS
Company: TUFFTEX

Telephone +61 8 9248 8788
Email: info@tufftex.com.au

SECTION 1: Identification

GHS Product Identifier

Product name: TUFFmouldings – Lightweight Concrete

Product variants:

Product code:

Recommended Use and Restrictions on Use

Use: Decorative Mouldings

Restrictions: *Not for use outside intended architectural application*

Supplier Details

Company: TUFFTEX

Address: 3 Hunt Street, Malaga, Western Australia 6090

Telephone: +61 8 9248 8788

Email: info@tufftex.com.au

Website: tufftex.com.au

Emergency Phone Number **08 9248 8788 (business hours, Perth time)**

13 11 26 Poisons Information Centre

SECTION 2: Hazard(s) Identification

GHS Classification

The product is supplied as a fully cured solid EPS/cement composite. The product is not classified as hazardous according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), 7th Revised Edition, as implemented in Australia, when supplied in its cured form

Not classified as hazardous, according to the criteria of Safe Work Australia

DANGEROUS GOOD CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail"

***Poison Schedule**: Not Applicable*

SECTION 3: Composition / Information on Ingredients

Ingredients determined to be non-hazardous or below reporting limits

SECTION 4: First-Aid Measures

4.1 Description of first aid measures

Inhalation:

If dust is generated during cutting, drilling, sanding or other mechanical processing and inhaled, move the affected person to fresh air. Keep the person comfortable and monitor for respiratory discomfort. Seek medical attention if symptoms persist.

Skin contact:

For normal handling, no specific first-aid measures are normally required. If dust generated during mechanical processing contacts the skin, wash with soap and water. Seek medical attention if irritation develops or persists.

Eye contact:

If dust enters the eyes, rinse cautiously with clean water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.

Ingestion:

No specific hazard is expected under normal use. If a significant quantity is swallowed, rinse mouth with water and seek medical advice if symptoms develop.

4.2 Most important symptoms and effects, both acute and delayed

Dust generated during mechanical processing may cause temporary mechanical irritation of the eyes and respiratory tract. Prolonged or repeated exposure to dust should be avoided.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically. No specific treatment is normally required.

SECTION 5: Fire-Fighting Measures

This product has no HAZCHEM code assigned as it is non-hazardous and is not classed as a dangerous good.

5.1 Extinguishing media

Suitable extinguishing media: Water spray, foam, dry chemical powder or carbon dioxide, as appropriate for the surrounding fire.

Unsuitable extinguishing media:

No specific extinguishing media is considered unsuitable. Use extinguishing media appropriate to the surrounding fire**.**

5.2 Special hazards arising from the substance or mixture

The cementitious component is non-combustible. The product contains expanded polystyrene, which is combustible and may contribute to fire when exposed to sufficient heat or flame.

Thermal decomposition or combustion of the polystyrene component may generate carbon monoxide, carbon dioxide, smoke and other irritating or potentially hazardous combustion products.

The product may soften, shrink or decompose when exposed to elevated temperatures.

5.3 Advice for firefighters

Firefighters should wear appropriate protective clothing and self-contained breathing apparatus when exposed to smoke or combustion products.

Cool exposed material and adjacent structures with water spray where appropriate.

Prevent personnel from inhaling smoke or decomposition products.

Fire performance: The fire performance of the installed product is dependent on product thickness, density, cement content, installation method and the substrate/system in which it is incorporated. No specific fire-resistance or fire-rating claim should be made unless supported by appropriate testing.

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
NIL

Environmental precautions: NIL

Methods and materials for containment and cleaning up:
Wear appropriate PPE when cleaning up off-cuts and collect waste in a suitable container and dispose of as per environmental regulations

SECTION 7: Handling and Storage

Precautions for Safe Handling

Mechanical cutting, drilling, sanding or other operations that generate dust should be undertaken using appropriate dust control and ventilation. Appropriate personal protective equipment should be used where exposure to generated dust cannot be adequately controlled

Conditions for Safe Storage

Prolonged exposure to direct sunlight may affect the integrity of the EPS and should be avoided.

Keep out of rain and limit exposure to high moisture environments

Keep solvent and naked flames or sparks from hot works away from mouldings.

SECTION 8: Exposure Controls / Personal Protection

Exposure Standards

No value assigned for this specific material by Safe Work Australia.

Engineering Controls

Exposure controls
Respiratory protection: Where dust is generated and adequate engineering controls cannot be achieved, use suitable respiratory protection.

Eye protection: Safety glasses or goggles should be worn during cutting, drilling or sanding.

Skin protection: Wear suitable protective gloves when handling or mechanically processing the product where appropriate.

Use only in well-ventilated areas when cutting mouldings. If using in enclosed spaces, keep windows and doors open during use.

Personal Protective Equipment

- Skin: Wear protective clothing to minimise skin contact.
- Eyes: Wear goggles
- Respiratory: dust respirator

SECTION 9: Physical and Chemical Properties

Property	Value
Appearance	Light – Medium grey appearance solid
Odour	None
pH	N/A
Viscosity	N/A
Specific gravity	1.50 Kg/Lt
Softening Point	80°C (EPS)
Melting Point	250°C (EPS)
Solubility in water	Insoluble
Flash point	360°C (EPS)
Auto-ignition temperature	470°C (EPS)
Volatile component	0%
Flammability	Not Flammable

SECTION 10: Stability and Reactivity

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: None under normal conditions

Conditions to avoid: *Avoid contact with organic solvents and prolonged exposure to sunlight*

Incompatible materials: *Solvents & strong alkali materials*

Hazardous decomposition products: *Oxides of Carbon, Smoke and potential toxic fumes potentially*

SECTION 11: Toxicological Information

No adverse health effects expected when the product is handled in accordance with this SDS.

Acute toxicity: Not expected to present an acute toxic hazard under normal conditions of use.

Skin corrosion/irritation: The cured product is not expected to cause significant irritation under normal handling. Dust generated during mechanical processing may cause skin irritation.

Serious eye damage/irritation: Dust generated during mechanical processing may cause mechanical eye irritation.
Respiratory effects: Cutting, drilling, sanding or other mechanical processing may generate airborne dust that may irritate the respiratory tract. Avoid inhalation of dust.

Sensitisation: Not classified based on available information.

Carcinogenicity: Not classified based on available information. If respirable crystalline silica-containing dust can be generated during processing, exposure must be appropriately controlled.

STOT: Not classified based on available information.

Aspiration hazard: Not applicable/not expected for the solid product.

SECTION 12: Ecological Information

The product is a cured solid EPS/cement composite and is not classified as hazardous to the aquatic environment. No specific ecotoxicological data are available for the finished product. The cementitious component is inorganic, and the EPS component is persistent. Avoid uncontrolled release of large quantities of product or dust into waterways, drains or soil.

Avoid contamination waterways.

Acute Aquatic Hazard *– Product is not hazardous for aquatic exposure*

Chronic Aquatic hazard *- Product is not hazardous for aquatic exposure*

Ecotoxicity: *No information available.*

Persistence and Degradability*: No information available.*

Bioaccumulative Potential*: No information available.*

Mobility in soil*: No information available.*

SECTION 13: Disposal Considerations

Dispose of product and container in accordance with local, state and federal regulations.

Persons involved with the disposal, reclamation of material or recycling of packaging should refer to Section 8 of this document to ensure proper PPE is always in use when being exposed to the materials this SDS refers to.

SECTION 14: Transport Information

Field	Value
UN Number	None allocated
UN Proper Shipping Name	Not applicable
Transport hazard class(es)	None allocated
Packing group	Nil
Environmental hazards	Not specified in source
Road and Rail Transport (ADG)	Class NIL
IATA Classification	Class NIL

SECTION 15: Regulatory Information

This Material is NOT Subject to the Following International Agreements:

- Montreal Protocol (Ozone depleting substances)
- The Stockholm Convention (Persistent Organic Pollutants)
- The Rotterdam Convention (Prior Informed Consent)
- Basel Convention (Hazardous Waste)
- International Convention for the Prevention of Pollution from Ships (MARPOL)

Poisons Schedule (SUSMP): Not scheduled

AICIS Status: All components of this product are listed on or exempt from the Australian Inventory of Industrial Chemicals (AIIC).

SECTION 16: Other Information

Date of preparation of original SDS: 27-09-2026

Revision status:

This SDS was originally developed according to WorkSafe Australia guidelines and has been updated to align with the Safe Work Australia Code of Practice: Preparation of Safety Data Sheets for Hazardous Chemicals (GHS Revision 7).