

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT: FrameShield™

Use: Matting used for heat and fire resistance in properties

COMPANY/SUPPLIER: Fireproof Cladding Facades
ADDRESS: 2/1 Laser Drive, Rowville VIC 3178

TELEPHONE: 1300 383 884
E-MAIL: sales@fcfaust.com.au

WEBSITE: www.fireproofcladdingfacades.com.au

SECTION 2: HAZARDS IDENTIFICATION

Classified as **Non-Hazardous - Globally Harmonised System of Classification and Labelling of Chemicals (GHS)**

GHS Label Elements, including precautionary statements

Pictogram	None
Signal Word	None
Hazard Statement(s)	None
Precautionary Statement(s)	None
Not a hazardous substance or mixture	

Other Hazards None

SECTION 3: COMPOSITION / INGREDIENTS

<u>Chemical Entity</u>	<u>CAS No.</u>	<u>Proportion</u>
Glass Fibre	659976-17-3	50 – 95 %
Inorganic Binders	---	Less than 20 %
Other Ingredients not deemed to be hazardous		Less than 20%

All constituent chemicals are listed in the Australian Inventory of Chemical Substances (AICS)

Note:

This product DOES NOT contain asbestos.
This product DOES NOT contain quartz (crystalline silica)

SECTION 4: FIRST AID MEASURES

Inhalation:

If breathed in, move person to fresh air. If not breathing, give artificial respiration.

Ingestion:

Never give anything by mouth to an unconscious person. If swallowed, Rinse lips and mouth with water. Drink plenty of water if accidentally ingested. Emergency procedures not normally required. May be a temporary irritant to the GI system.

Skin Contact:

Wash skin with mild soap and water after each exposure. If mechanical irrigation occurs, remove contaminated clothing and wash skin gently with water and soap. If itch or discomfort persists, seek medical attention.

Eye Contact:

Immediately flush eyes with copious amounts of water as a precaution.

SECTION 5: FIRE FIGHTING MEASURES

Fire Extinguishing Media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Protective Equipment for Fire-fighters:

Wear self-contained breathing apparatus and protective clothing to reduce risk of exposure.

Hazchem Code:

None allocated

Hazardous products of combustion:

Nature of decomposition products not known.

SECTION 6: ACCIDENTAL RELEASE

Emergency procedures:

If product is torn, cover to minimise fibre release. Place in sealed bag or reuse where possible.

Methods for cleaning up:

Personnel directly involved in clean-up of loose material should wear personal protective equipment. Clean area to avoid dispersion of loose material or fibres, use a wet sweep method or micro-filter vacuum cleaner.

Personal precautions

Wear appropriate protective clothing.

Refer to exposure control/personal protection for more detail.

Environmental precautions

Prevent fibres and debris from entering waterways, keep product sealed and in suitable containers for disposal.

SECTION 7: HANDLING AND STORAGE

Handling:

The product is safe in use. Once installed, the Glass Fibre does not release dust or fibres. Handling, installing or removing the product may result in some dust and airborne fibre. Minimise eye or skin contact and inhalation during handling, installation and removal. Provide appropriate exhaust ventilation at places where dust is formed.

Storage:

Must be stored under cover in cool, dry conditions. The Glass Fibre must be stored to avoid excessive compression; Heavy objects must not be stacked on the product.

Storage class (TRGS 510): Non-Combustible Solids

Incompatibilities:

None.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:

Control parameters 2mg/m³

Where almost all the airborne material is fibrous MMVF, an inhalable dust exposure standard of 2mg/m³ (8 hour TWA) must also be applied to minimise mechanical irritation from largely non-respirable fibre. This inhalable standard is not to take precedence over the respirable fibre standard, where applicable. For those applications where MMVF is combined with other material such that the proportion of respirable fibres is extremely low or is difficult to measure because of the larger portion of non-fibrous MMVF material, it is appropriate to apply the exposure standard for nuisance dusts of 10mg/m³, measured as inhalable dust (8 hour TWA).

MMVF with random orientation, alkaline oxide and alkali earth oxide (Na₂O+K₂O+CaO+MgO+BaO) content greater than 18% by weight. Exempted are: -Any MMVF which have been tested according to the test protocol Methods for the Determination of the Hazardous Properties for Human Health of Man Made Mineral Fibres April 1999 and Note Q in EC Regulation No. 1272/2008 page 353/335 and found to comply with these tests. – Any MMVF that meet the requirements of Note Q in EC Regulation No. 1272/2008 page 353/335 are exempted from mandatory classification in the European Union as a carcinogen under the Globally Harmonised System for Classification and Labelling of Chemicals (GHS). Note: IARC has classified mineral wools (glass wool, rock wool (stone wool), slag wool and continuous glass filament) as IARC Category 3: not classifiable as to carcinogenicity in humans. –Any MMVF that meet the requirements of Note R in Regulation EC No. 1272/2008 page 353/335 are exempted from mandatory classification as a carcinogen under the GHS in the European Union.

Exposure Controls:

Appropriate Engineering Controls
General industrial hygiene practice

Personal protective equipment

Respiratory protection

Avoid breathing fibres. Selection and use of an approved respirator with filter complying with AS/NZS 1715 and AS/NZS 1716 is recommended. Selection of appropriate breathing protection will depend on actual airborne concentrations and exposure levels.

Hand protection

Impervious rubber or PVC gloves should be worn to minimise skin contact

Eye protection

Safety glasses with side shields, goggles or face shield should be worn in accordance with AS/NZS 1337. If handled hot, a full-face shield should be worn.

Skin and body protection

If prolonged or repeated contact with material is likely, protective clothing such as an apron made of a suitable resistant material (PVC, neoprene, nitrile or butyl rubber) should be worn.

Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the toilet and at the end of the working period.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Cream coloured fibrous matting
pH:	Not applicable
Odour:	Not applicable
Flash Point:	Not applicable
Melting Point:	Not applicable
Boiling Point:	Not applicable
Upper Explosive Limit:	Not applicable
Lower Explosive Limit:	Not applicable
Specific Gravity:	Low, variable depending on facings
Ignition temperature:	Not applicable
Viscosity:	Not applicable
Vapour Pressure:	Not applicable
Solubility:	Insoluble
Vapour Density:	Not applicable

SECTION 10: STABILITY AND REACTIVITY

Stability:

Stable under ambient conditions of use and storage.

Conditions to avoid:

No reported incompatibilities. Acids, alkalis or organic solvents may cause degradation of binder.

Materials to avoid:

No data available

Hazardous decomposition:

No data available

Hazardous polymerisation:

No data available

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicology data:

The fibre component of these products is classified by Safe Work Australia (formerly ASCC/NOHSC) as Glass Fibres (not elsewhere specified). In accord with EU ATP 31 (2009) these fibres are not classified as irritant.

Health Effects:

Inhalation:

Unprotected exposure to high levels of dust may cause discomfort to the nose, throat and respiratory tract, especially in those suffering from hay fever, asthma or bronchitis.

Swallowed:

May result in temporary itching of the lips, mouth and throat. Large amounts may cause gagging, vomiting and irritation of the throat.

Eye:

May cause eye irritation causing watering and redness.

Skin:

Handling repeatedly may cause temporary itching of exposed skin due to mechanical irritation not allergy.

Carcinogenicity:

Carcinogen Category 3 – Limited evidence of carcinogenic effect
H350 – Suspected of causing cancer

SECTION 12: ECOLOGICAL INFORMATION

Full ecological studies have not been completed on this product. Some data is available on the listed components.

Ecotoxicity:

Neither the raw materials or the finished product contain any ozone-depleting chemicals. This product is not ecotoxic to air, water or soil, by composition. No harm to fish or wildlife would be caused by this product.

Persistence/Degradability:

Will not bio-accumulate. Less than 1% leachable organic carbon if landfilled. Inert inorganic product with Thermo set, inert polymer bonding agent derived from plant starches; 0-13%.

Mobility:

Not applicable.

Bioaccumulative potential:

This product is not expected to bioaccumulate through food chains in the environment

SECTION 13: DISPOSAL CONSIDERATIONS

Method of disposal:

Place in plastic bags or containers and close or seal for disposal in accordance with local authority guidelines. Label as NON-HAZARDOUS glass wool or as general building waste (non-hazardous), as appropriate to assist local authorities waste disposal sites.

SECTION 14: TRANSPORT INFORMATION

Not classified as Dangerous Goods according to the ADG Code.

Not subject to transport regulations.

ADG:	Not regulated
IMDG:	Not regulated
ICAO/IATA:	Not regulated

UN Number: None assigned

UN Proper Shipping Name: None assigned

**Dangerous Goods Class/
and subsidiary risk:** None assigned

Packing Group: None assigned

Hazchem Code: None assigned

SECTION 15: REGULATORY INFORMATION

Poisons schedule: S5 - Caution

According to the Standard for the Uniform Scheduling of Drugs and Poisons

SECTION 16: OTHER INFORMATION

MSDS Issue Date: April 2017
Version: 1.03
Due for Revision: June 2020
Supersedes: Version 1.02

Reason for alteration:

Administrative changes

Key to abbreviations:

ACGIH	American Conference of Governmental Industrial Hygienists
ADG	Australian Code for the Transport of Dangerous Goods by Road and Rail
AICS	Australian Inventory of Chemical Substances
ASCC	Australian Safety and Compensation Council
CAS	Chemical Abstracts Service Registry Number
GHS	Globally Harmonised System of Classification and Labelling of Chemicals
HSIS	Hazardous Substances Information System
ICAO	International Civil Aviation Organisation
IATA	International Air Transport Association
IMDG	International Maritime Organisation Rules
STEL	Short term exposure limit
TWA	Time weighted average
LC _{Lo}	Lethal Concentration Low – lowest concentration causing death
LD _{Lo}	Lethal Dose Low – lowest dose causing death
LC ₅₀	Lethal Concentration required to kill 50% of test population
EC ₅₀	Half maximal effective concentration

This SDS has been prepared and issued by:

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The information contained herein is based on the present state of our knowledge. This document characterises the product with regard to the appropriate safety precautions, and is only proposed as a guide when applied for its intended use. Each intended user should consult this SDS, and perform their own appropriate risk assessment in context to how the product will be handled and used in the workplace. Sharp and Howells Pty Ltd will not be responsible for any loss or damages resulting from use of or reliance on the information and advice contained herein.