

SAFETY DATA SHEET

PYROPANEL GREENBOARD

Infosafe No.: LQBAU
ISSUED Date : 04/08/2022
ISSUED by: ASSA ABLOY AUSTRALIA PTY LTD

Section 1 - Identification

Product Identifier

PYROPANEL GREENBOARD

Company Name

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Recommended use of the chemical and restrictions on use

Robust and flexible board material for use in facades, roof edge finishing, fascias and other detailing.

Section 2 - Hazard(s) Identification

GHS classification of the substance/mixture

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

IMPORTANT NOTE(S)

The product does give potential for generation of respirable dust during drilling and cutting the board.

Section 3 - Composition and Information on Ingredients

Ingredients

Name	CAS	Proportion
Man-made vitreous (silicate) fibres	287922-11-6	80-<100 %
Ingredient determined not to be hazardous	Not required	Balance

Other Information

Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na₂O+K₂O+CaO+MgO+BaO) content greater than 18% by weight and fulfilling one of the nota Q conditions. Not classified as carcinogenic according to the note Q of the Directive 97/69/EEC and the regulation n° 1272/2008 (page 335 of the JOCE L353 of December 31, 2008).

Section 4 - First Aid Measures

Inhalation

Not considered a potential route of exposure under normal conditions of storage.

If exposure to dust occurs as a result such as drilling and dry cutting the board: remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

Ingestion

Not considered a potential route of exposure. If contents ingested, do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.

Skin

Not considered a potential route of exposure. If exposed to dust from board, wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

Eye

Not considered a potential route of exposure. If exposed to dust, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and/or persist seek medical attention.

First Aid Facilities

Eyewash and normal washroom facilities.

Advice to Doctor

Treat symptomatically.

Other Information

For advice in an emergency, contact a Poisons Information Centre or a doctor at once.(131 126)

Section 5 - Firefighting Measures

Suitable Extinguishing Media

Use appropriate fire extinguisher for surrounding environment.

Unsuitable Extinguishing Media

Do not use water jet.

Hazards from Combustion Products

Organic material in panels can produce oxides of carbon.

Specific hazards arising from the chemical

Product is subject to thorough testing and is a fire-safe building material. In the event of a fire the mineral wool remains fully intact. There is absolutely no drop-formation and the risk of fire spreading is prevented. Packaging materials or facings may however be combustible.

Decomposition Temperature

Not applicable

Precautions in connection with Fire

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. Fight fire from safe location.

Section 6 - Accidental Release Measures

Emergency Procedures

Wear appropriate personal protective equipment and clothing to prevent exposure. Pick up the boards carefully and avoid creating dust. Clean area with a vacuum cleaner. Collect the dust which generated from the board and place into a suitable labelled container. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

Section 7 - Handling and Storage

Precautions for Safe Handling

The potential for hazardous exposure exists if dust is generated. eg. during dry cutting, sanding or drilling.

Use only in a well ventilated area. Prevent the build up of dusts in the work atmosphere. Avoid breathing dust. Establish good housekeeping practices. Remove dust accumulations on a regular basis by vacuuming to avoid creating dust clouds. Contaminated work clothing should not be allowed out of the workplace. Maintain high standards of personal hygiene i.e. washing hands prior to eating, drinking, smoking or using toilet facilities.

If high speed dry sawing or grinding is carried out, provide adequate ventilation and dust extraction. Carry out periodical air quality testing to verify the effectiveness of the extraction system. Preventative Maintenance tasks are recommended to ensure effectiveness extraction system.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, ventilated area away from sources of heat, moisture and incompatibilities (see Section 10). Protect from weather and prevent exposure to sustained moisture. Protect product from physical damage. Warehouse storage should be in accordance with package directions.

Boards are insensitive to moisture. Nevertheless it is recommended that the board material be stored on a flat pallet in dry, flat, frost-proof and protected conditions. Never stack more than two pallets on top of each other. The panels should be raised when being machined. The panels should not be slid over one another. Protective foam membranes should be placed between the sheets again to protect the surface layer, for example when the panels are stacked after having been sawn.

Section 8 - Exposure Controls and Personal Protection

Occupational exposure limit values

No exposure standards have been established for the mixture. However, the available exposure limits for ingredients are listed below:

Glass wool, rock (stone) wool, slag wool and continuous glass filament and Low Biopersistence MMVF
TWA: 2 mg/m³ (inhalable dust)

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

Source: Safe Work Australia.

Biological Monitoring

No biological limits allocated.

Control Banding

Not available

Engineering Controls

Use with good general ventilation. If dusts are produced, an exhaust ventilation should be used.

Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable dust filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye and Face Protection

Safety glasses with side shields, full face shield or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 (series)- Eye Protectors for Industrial Applications.

Hand Protection

Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Thermal Hazards

No further relevant information available.

Body Protection

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended.

Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Form	Article	Appearance	Solid panel or plank form.
Colour	Gray green (basic board).	Odour	Not available
Melting Point	> 1000 °C	Boiling Point	Not applicable
Decomposition Temperature	Not applicable	Solubility in Water	Insoluble
pH	Not available	Vapour Pressure	Not applicable
Relative Vapour Density (Air=1)	Not applicable	Evaporation Rate	Not applicable
Odour Threshold	Not available	Viscosity	Not applicable
Partition Coefficient: n-octanol/water (log value)	Not applicable	Density	1000 - 1300 kg/m ³
Flash Point	Not applicable	Flammability	Not applicable
Auto-Ignition Temperature	Not available	Explosion Limit - Upper	Not applicable
Explosion Limit - Lower	Not applicable	Explosion Properties	Not explosive

Section 10 - Stability and Reactivity

Reactivity

Not available

Chemical Stability

Stable under normal conditions of storage and handling.

Possibility of hazardous reactions

None under normal use.

Conditions to Avoid

Heating above 200°C, dusty conditions.

Incompatible Materials

Not available

Hazardous Decomposition Products

Decomposition of binder above approx. 200°C may produce carbon dioxide, carbon monoxide and some trace gases.

Hazardous Polymerization

Will not occur.

Section 11 - Toxicological Information

Toxicology Information

No toxicology data available for this product.

Ingestion

Ingestion unlikely due to form of product. Ingestion of the contents of the board may irritate the gastric tract causing nausea and vomiting.

Inhalation

Inhalation of dust from contents of board may irritate the respiratory system.

Skin

Skin contact may cause mechanical irritation resulting in redness and itching.

Eye

No adverse effects expected under normal conditions of use. Exposure to contents may be irritating to eyes. The symptoms may include redness, itching and tearing.

Respiratory Sensitisation

Not expected to be a respiratory sensitiser.

Skin Sensitisation

Not expected to be a skin sensitiser.

Germ Cell Mutagenicity

Not considered to be a mutagenic hazard.

Carcinogenicity

Not considered to be a carcinogenic hazard.

Rock (stone) wool is listed as a Group 3: Not classifiable as to carcinogenicity to humans according to International Agency for Research on Cancer (IARC).

Carcinogenic classification is not applicable for mineral wool in this product; in accordance with the directive 97/69/EC and European Regulation 1272/2008, note Q.

Reproductive Toxicity

Not considered to be toxic to reproduction.

STOT - Single Exposure

Not expected to cause toxicity to a specific target organ.

STOT - Repeated Exposure

Not expected to cause toxicity to a specific target organ as its form.

Aspiration Hazard

Not considered to be an aspiration hazard.

Section 12 - Ecological Information

Ecotoxicity

This product is not expected to cause harm to animals or plants during normal conditions of use.

Persistence and degradability

Not available

Mobility

Insoluble in water.

Bioaccumulative Potential

Not available

Other Adverse Effects

Not available

Environmental Protection

Prevent this material entering waterways, drains and sewers.

Hazardous to the Ozone Layer

This product is not expected to deplete the ozone layer.

Section 13 - Disposal Considerations

Disposal Considerations

Dispose of waste according to applicable local and national regulations. To minimise personal exposure to the chemical, refer to Section 8 — Exposure controls and personal protection.

Section 14 - Transport Information

Transport Information

Road and Rail Transport

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition).

Marine Transport (IMO/IMDG):

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport (ICAO/IATA):

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

ADG U.N. Number

None Allocated

ADG Proper Shipping Name

None Allocated

ADG Transport Hazard Class

None Allocated

Special Precautions for User

Not available

IMDG Marine pollutant

No

Transport in Bulk

Not available

Section 15 - Regulatory Information

Regulatory Information

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule

Not Scheduled

Montreal Protocol

Not listed

Stockholm Convention

Not listed

Rotterdam Convention

Not listed

International Convention for the Prevention of Pollution from Ships (MARPOL)

Not available

Agricultural and Veterinary Chemicals Act 1994

Not available

Basel Convention

Not available

Section 16 - Any Other Relevant Information

Date of Preparation

SDS created: August 2022

Version Number

1.0

Literature References

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.
Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
Code of Practice for Supply Diversion into Illicit Drug Manufacture.
National Code of Practice for Chemicals of Security Concern.
Agricultural Compounds and Veterinary Chemicals Act.
International Agency for Research on Cancer (IARC) Monographs.
Montreal Protocol on Substances that Deplete the Ozone Layer.
Stockholm Convention on Persistent Organic Pollutants (POPs).
Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade.
Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal.
International Air Transport Association (IATA) Dangerous Goods Regulations.
International Maritime Dangerous Goods (IMDG) Code.
Workplace exposure standards for airborne contaminants.
Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).
Globally Harmonised System of Classification and Labelling of Chemicals. (7th revised edition)
Code of Practice: Managing Noise and Preventing Hearing Loss at Work.

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