



ASSA ABLOY

# SAFETY DATA SHEET

## PYROPANEL PAC 2 ACOUSTIC BOARD

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

### Section 1 - Identification

#### Product Identifier

PYROPANEL PAC 2 ACOUSTIC BOARD

#### Company Name

ASSA ABLOY AUSTRALIA PTY LTD (ABN 90 086 451 907)

#### Address

235 Huntingdale Road Oakleigh  
VIC 3166 Australia

#### Telephone/Fax Number

Tel: 03 9837 8500

#### Emergency Phone Number

+613 9837 8500 (24 hours)

#### E-mail Address

sales@pyropanel.com.au

#### Recommended use of the chemical and restrictions on use

Thermal and/or acoustic insulation for use in technical applications, industrial applications and in building construction.

### 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
Biosoluble rock mineral wool		>=40-100 %
Ingredient determined not to be hazardous	Not required	Balance

#### Information on Composition

Mixture of rock mineral wool, polyester fibres, flexible PU foam, rubber granules and PU binder, finally cured.

Possible facing or encapsulation materials: glass veil, or polyester mat or aluminium or Kraft paper or encapsulated in low density polyethylene (LDPE) and metallised LDPE film.

### Other Information

Biosoluble rock mineral wool: Man made vitreous (silicate) fibers with random orientation with alkaline oxide and alkali earth oxide (Na<sub>2</sub>O+K<sub>2</sub>O+CaO+MgO+BaO) content greater than 18% by weight meeting the requirements of Note Q of regulation n° 1272/2008 and therefore not classified for carcinogenicity.

## Section 4 - First Aid Measures

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### 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

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### 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

Not expected to burn. However, under fire conditions the starch in panels can produce oxides of carbon.

### 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

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### 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

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### 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.

## Section 8 - Exposure Controls and Personal Protection

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### 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/m<sup>3</sup> (inhalable dust)(m)

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.

Note (m): 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.

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
Colour	Dark gray	Odour	Not available
Melting Point	Not available	Boiling Point	Not applicable
Decomposition Temperature	Not applicable	Solubility in Water	Slightly soluble in water.
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	400 - 1000 kg/m <sup>3</sup>
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 100°C, dusty conditions.

### Incompatible Materials

Not available

### Hazardous Decomposition Products

Decomposition of binder above 100°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.

Results from a biopersistence test by intratracheal instillation has shown that fibres in this product longer than 20 µm have a weighted half-life less than 40 days, thus this product is not classified as a carcinogen. None of the components of this product are listed as a carcinogen.

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

### **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**

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### **Ecotoxicity**

This product is not ecotoxic to air, water or soil, by composition.

### **Persistence and degradability**

Not available

### **Mobility**

Slightly soluble in water.

### **Bioaccumulative Potential**

Will not bioaccumulate

### **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**

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### **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**

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### **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

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**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

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**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.

## END OF SDS

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