

## PYROPANEL M4 MORTAR

Infosafe No.: LQB92  
ISSUED Date : 22/11/2022  
ISSUED by: ASSA ABLOY AUSTRALIA PTY LTD

### Section 1 - Identification

**Product Identifier**

PYROPANEL M4 MORTAR

**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**

Fire resistant mortar

### Section 2 - Hazard(s) Identification

**GHS classification of the substance/mixture**

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)

Skin corrosion/irritation: Category 2

Eye damage/irritation: Category 1

Carcinogenicity: Category 1A

Specific target organ toxicity (single exposure): Category 3 (Respiratory tract irritation)

Specific target organ toxicity (repeated exposure): Category 2

**Signal Word (s)**

DANGER

**Hazard Statement (s)**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H350 May cause cancer (inhalation).

H373 May cause damage to organs through prolonged or repeated exposure (inhalation).

**Pictogram (s)**

Health hazard, Exclamation mark, Corrosion



**Precautionary Statement – Prevention**

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P260 Do not breathe dusts.
- P264 Wash skin thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary Statement – Response**

- P308+P313 IF exposed or concerned: Get medical advice/attention.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P312 Call a POISON CENTER/doctor if you feel unwell.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 Immediately call a POISON CENTER/doctor.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.

**Precautionary Statement – Storage**

- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up.

**Precautionary Statement – Disposal**

- P501 Dispose of contents/container to an approved waste disposal plant.

**Other Information**

Contains crystalline silica. Respirable crystalline silica (quartz/cristobalite) is classified by International Agency for Research on Cancer (IARC) as carcinogenic to humans by inhalation (Group 1).

**Section 3 - Composition and Information on Ingredients**

**Ingredients**

Name	CAS	Proportion
Portland cement	65997-15-1	60-100 %
Limestone	1317-65-3	<10 %
Calcium oxide	1305-78-8	<10 %
Expanded perlite	93763-70-3	<10 %
Crystalline Silica (Quartz)	14808-60-7	<1 %
Cristobalite	14464-46-1	<1 %
D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	<1 %
Ingredients determined not to be hazardous		Balance

**Other Information**

Contains trace amount of hexavalent chromium.

## Section 4 - First Aid Measures

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### Inhalation

If inhaled, remove affected person from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.

### Ingestion

Do not induce vomiting. Wash out mouth thoroughly with water. Seek immediate medical attention.

### Skin

Remove all contaminated clothing immediately. Wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard. Seek medical attention.

### Eye

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

### First Aid Facilities

Eyewash, safety shower and normal washroom facilities.

### Advice to Doctor

Treat symptomatically.

### Other Information

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

## Section 5 - Firefighting Measures

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### Suitable Extinguishing Media

Use extinguishing media that are suitable for the surrounding combustible materials.

### Hazards from Combustion Products

Non combustible material.

### Specific hazards arising from the chemical

Not known.

### Decomposition Temperature

Not available

### Precautions in connection with Fire

Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

## Section 6 - Accidental Release Measures

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### Emergency Procedures

Increase ventilation. Evacuate all unprotected personnel. Wear sufficient respiratory protection and full protective clothing to prevent exposure. Clean area with a vacuum cleaner or dampen spilled material with water to avoid airborne dust, then transfer material to a suitable container. Wash surfaces well with soap and water. Seal all wastes in labelled containers for subsequent recycling or disposal. 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

Avoid exposure. Do not handle until all safety precautions have been read and understood.

Avoid inhalation of dust, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of dust in the work atmosphere. 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.

### Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area, out of direct sunlight and moisture. Store in suitable, labelled containers. Keep containers tightly closed. Store away from incompatible materials. Ensure that storage conditions comply with applicable local and national regulations.

## Section 8 - Exposure Controls and Personal Protection

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### Occupational exposure limit values

No exposure value assigned for this material. However, the available exposure limits for ingredients are listed below:

Crystalline silica (quartz and cristobalite)

TWA: 0.05 mg/m<sup>3</sup>

Note: Carc. 1A

Perlite

TWA: 10 mg/m<sup>3</sup>

Calcium oxide

TWA: 2 mg/m<sup>3</sup>

Portland cement (inspirable dust)

TWA: 10 mg/m<sup>3</sup>

Limestone (Calcium carbonate ; inspirable dust)

TWA: 10 mg/m<sup>3</sup>

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.

Category 1A (Carc. 1A) - Known to have carcinogenic potential for humans.

### Biological Monitoring

No biological limits allocated.

### Control Banding

Not available

### Engineering Controls

This substance is hazardous and should be used with a local exhaust ventilation system, drawing solid/dust away from workers' breathing zone. If the engineering controls are not sufficient to maintain concentrations of particulates below the exposure standards, suitable respiratory protection must be worn.

### Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved P1/P2 respirator with a replaceable dust/particulate filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements.

Reference should be made to Australian 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 full face shield should be used. Eye protection devices should conform to relevant regulations.

Eye protection 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. Occupational protective gloves should conform to relevant regulations.

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. Chemical resistant apron is recommended where large quantities are handled.

## Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Form	Powder	Appearance	A fine red powder
Colour	Red	Odour	Odourless
Melting Point	> 1200°C	Boiling Point	Not applicable
Decomposition Temperature	Not available	Solubility in Water	Not applicable
pH	10-11 (when water added)	Vapour Pressure	Not applicable
Relative Vapour Density (Air=1)	Not applicable	Evaporation Rate	Not applicable
Odour Threshold	Not available	Viscosity	Not applicable
Volatile Component	Not available	Partition Coefficient: n-octanol/water (log value)	Not available
Density	0.6 kg/L (bulk density)	Flash Point	Not applicable
Flammability	Non-combustible	Auto-Ignition Temperature	Not applicable
Explosion Limit - Upper	Not applicable	Explosion Limit - Lower	Not applicable
Particle Characteristics	4-5 micrones: 70%; 6 microne: 20%; >6 microne 10% (no asbestos)		

## Section 10 - Stability and Reactivity

### Reactivity

Reacts with incompatible materials.

### Chemical Stability

Stable under normal conditions of storage and handling.

### Possibility of hazardous reactions

Not available

### Conditions to Avoid

Moisture. Product reacts when exposed to water.

### Incompatible Materials

Acids, water

### Hazardous Decomposition Products

No hazardous decomposition products known.

### Hazardous Polymerization

Will not occur.

## Section 11 - Toxicological Information

### Toxicology Information

No toxicity data available for this product.

### Ingestion

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

### Inhalation

Inhalation of dusts may irritate the respiratory system. Product contains crystalline silica.

Repeated exposure to respirable crystalline silica dust may lead to silicosis, or other serious delayed lung injury. The onset of silicosis is usually slow and lung damage may occur even when no symptoms or signs of ill-health have occurred. Silicosis can develop to a more serious degree even after exposure has ceased, and may also lead to other diseases including heart disease and scleroderma. Exposure by inhalation may aggravate pre-existing upper respiratory and lung disorders such as bronchitis, emphysema and asthma.

#### **Skin**

Causes skin irritation. Skin contact will cause redness, itching and swelling. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.

#### **Eye**

Causes eye damage. Eye contact will cause stinging, blurring, tearing, severe pain and possible burns, necrosis, permanent damage and blindness.

#### **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**

May cause cancer by inhalation. Classified as a Known or presumed human carcinogen.

Contains crystalline silica. Respirable crystalline silica (quartz/cristobalite) is classified by International Agency for Research on Cancer (IARC) as carcinogenic to humans by inhalation (Group 1).

#### **Reproductive Toxicity**

Not considered to be toxic to reproduction.

#### **STOT - Single Exposure**

May cause respiratory irritation.

#### **STOT - Repeated Exposure**

May cause damage to organs through prolonged or repeated exposure by inhalation.

#### **Aspiration Hazard**

Not expected to be an aspiration hazard.

## **Section 12 - Ecological Information**

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#### **Ecotoxicity**

No ecological data are available for this material.

#### **Persistence and degradability**

Not available

#### **Mobility**

Not available

#### **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

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### Disposal Considerations

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations. To minimise personal exposure, refer to Section 8 - Exposure Controls and Personal Protection.

## Section 14 - Transport Information

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### Transport Information

Road and Rail Transport (ADG Code):

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

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: November 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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