

PYROPANEL INTUL

Infosafe No.: LQBFE
ISSUED Date : 31/10/2022
ISSUED by: ASSA ABLOY AUSTRALIA PTY LTD

Section 1 - Identification

Product Identifier

PYROPANEL INTUL

Company Name

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

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Recommended use of the chemical and restrictions on use

Firestopping

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)

Precautionary Statement – Prevention

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dusts

IMPORTANT NOTE(S)

The product does give potential for generation of respirable dust during drilling and cutting the board. Occupational exposure to respirable dust should be monitored and controlled.

Section 3 - Composition and Information on Ingredients

Ingredients

Name	CAS	Proportion
Graphite, acid treated	90387-90-9	<10 %
Kaolin	1332-58-7	<5 %
Calcium Sulfate	7778-18-9	<5 %
Man-made vitreous (silicate) fibres	287922-11-6	<2.5 %
Ingredient determined not to be hazardous	Not required	Balance

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

Water spray. Carbon dioxide. Dry powder.

Hazards from Combustion Products

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of phosphorous.

Specific hazards arising from the chemical

Not available

Decomposition Temperature

Not available

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 generated. eg. 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

Occupational exposure limit values

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

Man made vitreous fibre (refractory ceramic fibres, special purpose glass fibres and fibres with high biopersistence

TWA: 2 mg/m³ (inhalable dust)

Glass wool, rock (stone) wool, slag wool and continuous glass filament and Low Biopersistence MMVF

TWA: 2 mg/m³ (inhalable dust)(m)

Graphite

TWA: 3 mg/m³

Calcium sulfate and Kaolin

TWA: 10 mg/m³ (inspirable 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.

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.

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 flexible laminate
Colour	Gray	Odour	Odourless
Melting Point	Not available	Boiling Point	Not applicable
Decomposition Temperature	Not available	Solubility in Water	Nearly insoluble 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	1 g/cm ³
Flash Point	Not applicable	Flammability	Not available
Auto-Ignition Temperature	Not available	Explosion Limit - Upper	Not applicable
Explosion Limit - Lower	Not applicable		

Section 10 - Stability and Reactivity

Reactivity

Not available

Chemical Stability

Stable under normal conditions of storage and handling.

Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

Conditions to Avoid

High temperature. Avoid dust formation. Material foams up at approximately 150°C.

Incompatible Materials

Not available

Hazardous Decomposition Products

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of phosphorous.

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 as its form (board/panel). The mineral wool in the panel is not classified as carcinogen according to Note Q.

Mineral wools (glass wool, rock wool (stone wool), slag wool and continuous glass filament) are listed as 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

Ecotoxicity

No ecological data 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

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: October 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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