

FS60 CAVITY SLIDER FIRE DOOR

Infosafe No.: LQD8C
ISSUED Date : 25/05/2026
ISSUED by: PACIFIC DOOR SYSTEMS LTD.

Section 1 - Identification

Product Identifier

FS60 CAVITY SLIDER FIRE DOOR

Company Name

PACIFIC DOOR SYSTEMS LTD. (ABN 9429038999413)

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Recommended uses and any restrictions on use or supply

Sliding fire rated door

Section 2 - Hazard(s) Identification

GHS classification of the substance/mixture

Not classified as Hazardous according to the Hazardous Substances (Hazard Classification) Notice 2020, New Zealand.

Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2020 Transport of Dangerous Goods on Land.

IMPORTANT NOTE(S)

The product does give potential for generation of respirable dust during machining, sanding, cutting, sawing, planning or routing. Occupational exposure to respirable dust should be monitored and controlled.

Small particle size will be produced if the product is cut or drilled generating respirable 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.

Section 3 - Composition and Information on Ingredients

Chemical Characterization

Article

Ingredients

Name	CAS	Proportion
Softwood	-	10-<30 %
Urea, polymer with formaldehyde	9011-05-6	1-<5 %
Cristobalite	14464-46-1	<1 %

Name	CAS	Proportion
Crystalline Silica (Quartz)	14808-60-7	<1 %
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 product: 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 (phone 0800 764 766) or a doctor at once.

Section 5 - Firefighting Measures

Suitable Extinguishing Media

Use appropriate fire extinguisher for surrounding environment.

Hazards from Combustion Products

This product is non combustible.

Specific hazards arising from the chemical

This product is non-combustible.

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. Avoid creating dust. Provide adequate ventilation. Collect the material and place into a suitable labelled container. Sweep dust and small pieces into a pile and shovel into drums 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

For high dust producing activities such as cutting, drilling: 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. 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 moisture. Store in suitable, labelled containers. Keep containers tightly closed.

Section 8 - Exposure Controls and Personal Protection

Occupational Exposure Limits (OEL)

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

Wood dust, soft
TWA: 2 mg/m³

Silica-Crystalline (Quartz and cristobalite)
TWA: 0.025 mg/m³ (respirable dust)
carcinogen category 1

Particulates not otherwise classified
TWA: 10 mg/m³ (inhalable), 3 mg/m³ (respirable)

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.

carcinogen category 1: Confirmed carcinogen

Source: Workplace Exposure Standards and Biological Exposure Indices.

Biological Limit Values

No biological limits allocated.

Appropriate Engineering Controls

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

Respiratory Protection

For high dust producing activities such as cutting, drilling: 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 Protection

For activities such as cutting, drilling: 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	Fire rated door leaf product, 47 mm thick
Colour	Variable	Odour	Not available
Decomposition Temperature	Not available	Melting Point	Not applicable
Boiling Point	Not applicable	Solubility in Water	Not available
pH	Not available	Vapour Pressure	Not applicable
Vapour Density (Air=1)	Not applicable	Evaporation Rate	Not applicable

Properties	Description	Properties	Description
Odour Threshold	Not available	Viscosity	Not applicable
Volatile Component	Not available	Partition Coefficient: n-octanol/water	Not applicable
Density	Not available	Flash Point	Not applicable
Flammability	Non combustible	Auto-Ignition Temperature	Not available
Explosion Limit - Upper	Not applicable	Explosion Limit - Lower	Not applicable
Explosion Properties	Not available	Oxidising Properties	Not available
Particle Characteristics	Not available		

Section 10 - Stability and Reactivity

Reactivity

Unknown.

Chemical Stability

Stable under normal conditions of storage and handling.

Conditions to Avoid

Excessive moisture.

Incompatible Materials

Unknown.

Hazardous Decomposition Products

Unknown.

Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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.

Inhalation

Inhalation of dust may irritate the respiratory system.

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

Unlikely due to form of product. Skin contact to dust may cause mechanical irritation resulting in redness and itching.

Eye

Exposure to dust may be irritating to eyes. The symptoms may include redness, itching and tearing.

Respiratory Sensitisation

Not expected to be a respiratory sensitizer.

Skin Sensitisation

Not expected to be a skin sensitizer.

Germ Cell Mutagenicity

Not considered to be a mutagenic hazard.

Carcinogenicity

Not considered to be a carcinogenic hazard as its form (board).

Dust producing activities such as cutting, drilling contains crystalline silica: respirable crystalline silica has been listed as a Group 1 human carcinogen by the IARC. Inhalation of respirable silica may cause cancer, silicosis or other serious delayed lung injury.

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 toxicity 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

Product Disposal:

This product can be disposed through a licensed commercial waste collection service. This product is non-hazardous and therefore the New Zealand HSNO regulations regarding disposal do not apply, however other regulations may apply.

Container Disposal:

The product is non-hazardous, therefore, the packaging may be re-used or recycled if it has been treated to remove any residual contents of the substance. Any wash-off water from the container cleaning process should be sent to a suitable waste water treatment plant before discharge into the environment.

In New Zealand, the packaging (that may or may not contain any residual substance) that is lawfully disposed of by householders or other consumers through a public or commercial waste collection service is a means of compliance with 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 for transport according to the New Zealand Standard NZS 5433: 2020 Transport of Dangerous Goods on Land.

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.

UN Number

None Allocated

Proper Shipping Name

None Allocated

Hazard Class

None Allocated

Special Precautions for User

Not available

UN Number (Air Transport, ICAO)

None Allocated

IATA/ICAO Proper Shipping Name

None Allocated

IATA/ICAO Hazard Class

None Allocated

IATA/ICAO Symbol

None Allocated

IMDG UN Number

None Allocated

IMDG Proper Shipping Name

None Allocated

IMDG Hazard Class

None Allocated

IMDG Marine pollutant

No

Transport in Bulk

Not available

Section 15 - Regulatory Information

Regulatory Information

Not classified as Hazardous according to the Hazardous Substances (Hazard Classification) Notice 2020, New Zealand.

Tolerable exposure limit (TEL)

Not available

Environmental exposure limit (EEL)

Not available

Certified Handler

Not available

Tracking

Not available

Controlled Substance Licence Requirements

Not available

Montreal Protocol

Not listed

Stockholm Convention

Not listed

Rotterdam Convention

Not listed

Agricultural Compounds, including Veterinary Medicines (ACVM)

Not available

Section 16 - Any Other Relevant Information

Date of preparation or last revision of SDS

SDS Created: May 2026.

Version Number

1.0

Literature References

Hazardous Substances and New Organisms Act (1996).
Health and Safety at Work (Hazardous Substances) Regulations (2017).
Workplace Exposure Standards and Biological Exposure Indices.
Agricultural Compounds and Veterinary Medicines Act 1997.
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.
Transport of Dangerous goods on land NZS 5433.
Recommendations on the Transport of Dangerous Goods - Model Regulations.
Dangerous Goods Emergency Action Code List.
Hazardous Substances (Safety Data Sheets) Notice (2017). (EPA Consolidation)
Hazardous Substances (Hazard Classification) Notice 2020.
Globally Harmonised System of Classification and Labelling of Chemicals (7th revised edition).
Assigning a hazardous substance to a group standard.
Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

END OF SDS

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