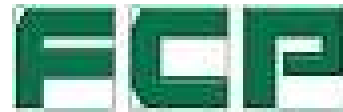


SAFETY DATA SHEET

PRECAST CONCRETE PRODUCTS



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name	Precast Concrete Products
Other names	FCP Precast Concrete Products and Pipes
Recommended use	Concrete products used in building and civil engineering projects.
Company	Frankston Concrete Products, 9 Colemans Road Dandenong South VIC. 3175
Address	9 Colemans Road, Dandenong VIC. 3175
Telephone	03 9786 3111
Email	sales@frankstonconcrete.com.au
Website	www.frankstonconcrete.com.au
Emergency numbers	000 – Fire Brigade & Police (Australia only)
Poisons Information Centre	13 11 26 (Australia only)

This Safety Data Sheet (SDS) is issued by the Supplier in accordance with National Standards & Guidelines from Safe Work Australia. The information in it must not be altered, deleted, or added to. The supplier will not accept any responsibility for any changes made to the SDS by any other person or organisation. The Supplier will issue a new SDS when there is a change in product specifications and / or Standards, Codes, Guidelines or Regulations.

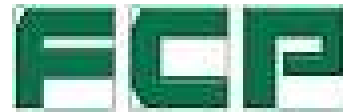
2. HAZARD IDENTIFICATION

Classification	The products as supplied are Non-Hazardous.
GHS Label Elements	
Other Hazards	The product when cut, sawn, grinded, or machined may cause irritation and may contain crystalline silica, some of which may be respirable. Repeated exposure to respirable crystalline silica dust may cause lung fibrosis (silicosis).

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Mixture Ingredient	Synonym	Proportion	CAS Number
Portland cement			65997-15-1
Aggregate containing crystalline silica (quartz)	Sand, crushed rock, gravel.	30-50%	14808-60-7
Fly Ash / Slag			
Water			7732-18-5
Steel			
Additive(s)			

Note to Ingredients: Crystalline – silica (quartz) may be a constituent of sand, crushed stone, gravel, blast furnace slag and fly ash used in any concrete mix. Cement in concrete contains traces of Chromium VI (hexavalent). Cementitious additives may contain traces of metals.



4. FIRST AID MEASURES

The following advice refers to situations where exposure to concrete dust has occurred following cutting or crushing a precast product.

Eye	Flush with running water, irrigating under eyelids. Seek medical attention if irritation develops.
Inhalation	Move away from contaminated area. Apply artificial respiration if not breathing.
Ingestion	Rinse mouth with water. Do not induce vomiting
Skin	Wash the affected area thoroughly. See medical attention if irritation develops.
Medical Advice	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flammability Non-flammable

6. ACCIDENTAL RELEASE MEASURES

Methods and materials for containment and clean up Implement clean up measures that avoid further dust creation, such as a vacuum device or wet broom.

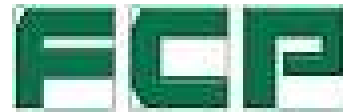
7. HANDLING & STORAGE

Precautions for safe handling	If sanding, drilling or cutting, use appropriate local extraction ventilation and applicable PPE (masks, gloves, eye wear) in accordance with safe work practices.
Conditions for safe storage	Safety aspects of stockpiles and storage areas require risk assessment and control. Products should be stored on firm, even ground. Products should be placed on timbers and/ or pallets. Avoid manual handling of precast products exceeding 20 kilos in weight. Lifting equipment must be compliant. FCP Products mostly have pre-certified lifting points. Please verify lifting capabilities with us prior to collection. Precast products have a life cycle of between 50 – 100 years dependent on mix design and function.
Incompatibilities	None

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters	All occupational exposure to atmospheric contaminants should be kept to as low a level as is workable or practicable and in all cases below the National Standard. TWA (Time Weighted Average) airborne concentration over an eight-hour working day, for a five day working week over an entire working life. According to current advice, this concentration should not impair a worker’s health, or cause undue discomfort.
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SAFETY DATA SHEET
PRECAST CONCRETE PRODUCTS



National Exposure Standards	Reference	TWA	
		ppm	mg/m ³
Portland cement	SWA (Aus)		10.00
Quartz (Crystalline silica)	SWA (Aus)		0.05
Quartz (Crystalline silica) - Precautionary	WorkSafe		.02
Biological limits	No biological limit values have been entered for this product.		
Engineering Controls	Engineering controls for controlling dust generated during cutting concrete such as Wet Cutting, On-tool extraction to collect dust where power tools are used to cut, grind or drill cured concrete. Clean up areas using wet methods or industrial vacuums.		

Personal Protective Equipment

Eye / Face	If cutting or sanding wear dust proof goggles.
Hands	Wear leather or cotton gloves.
Respiratory	Suitable P2 particulate respirator used in accordance with AS/NZS 1715 7 AS/NZS 1716 may be sufficient for many situations, but where high levels of dust are generated, use more efficient cartridge type or powered respirators or supplied-air helmets and / or suits.

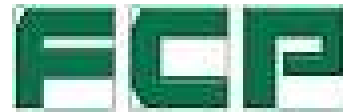


9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	Grey Solid
Odour	Cement Odour
Flammability	Non-Flammable
Melting Point	>1200°C
pH	>7.0
Relative density	2.5
Solubility (water)	Slightly Soluble

10. STABILITY & REACTIVITY

Chemical stability	Stable
Incompatible materials	Incompatible with oxidizing agents (e.g. hypochlorites and acids.)
Hazardous decomposition	None



11. TOXIOLOGICAL INFORMATION

Product may only present a hazard if cut, drilled, or sanded with dust generation.

Acute toxicity Based on available data, the classifications criteria are not met. Information available for the ingredients

Ingredients	Oral LD50	Dermal LD50	Inhalation LC50
Steel	30000mg/kg (rat)	-	-
Portland Blended Cement			
Sand / Aggregate			
Chemical Additives			

Skin	Irritating, abrasive and drying to the skin.
Eye	Irritating and may cause redness and watering.
Inhaled	Irritating to the nose, throat and respiratory tract causing coughing and sneezing. Pre-existing upper respiratory and lung diseases including asthma and bronchitis may be aggravated.

12. ECOLOGICAL INFORMATION

Ecotoxicity Products as delivered are not biodegradable, have low ecotoxicity and are not regarded as posing any ecological risk. Crushed product and dust may form a mildly alkaline or neutral slurry when mixed with water.

Persistence a degradability Product is persistent and would have a low degradability.

13. DISPOSAL CONSIDERATIONS

Disposal methods and containers Precast concrete can be treated as a common waste for disposal in accordance with local authority guidelines. Crushed products and dust should be kept out of storm water and sewer drains. Measures should be taken to prevent dust generation during disposal, and exposure and personal precautions should be observed.

Special precautions for landfill or incineration: May be allocated to landfill according to local authority guidelines.

14. TRANSPORT INFORMATION

Dangerous Goods Class Not hazardous. Not classed as dangerous goods.

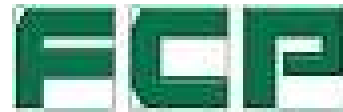
Packing group Not regulated.

15. REGULATORY INFORMATION

Dangerous Goods (Storage and Handling) Regulations 2022
 Dangerous Goods (Transport by Road or Rail) Regulations 2018

SAFETY DATA SHEET

PRECAST CONCRETE PRODUCTS



Occupational Health and Safety Regulations 2017

[WorkSafe - Identifying High Risk Crystalline Silica Work](#) video

Safe Work Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labeling of Chemicals (Rev. 10)

16. OTHER INFORMATION

Respirators	Use of respirators should be limited, and engineering controls employed to avoid exposure.
Australian Standards	Recommended practices for the selection, application and use of personal protective wear should be adhered to.
Transport of Dangerous Goods by Road and Rail	Precast Concrete Products are classified as Non-Dangerous Goods according to the Australian Code Edition 7.8
AS/NZS 1715	Selection, use and maintenance of respiratory protective devices
AS/NZS 1716	Respiratory protective devices
AS 2161	Industrial safety gloves and mittens (excluding electrical and medical gloves)

Disclaimer:

Whilst the information contained in this document is based on data which, to the best of our knowledge, was accurate and reliable at the time of preparation, no responsibility can be accepted by us for errors and omissions. The provision of this information should not be construed as a recommendation to use any of our products in violation of any patent rights or in breach of any statute or regulation. Users are advised to make their own determination as to the suitability of this information in relation to their purposes and specific circumstances. Since the information contained in this document may be applied under conditions beyond our control, no responsibility can be accepted by us for any loss or damage caused by any person acting or refraining from action because of this information