

Safety Data Sheet

1 Identification of the product and the company undertaking

Product Name: SVC Precast Concrete Products
 Product Description: Precasted Concrete Products
 Company: SVC Products Pty Ltd, 38 Japaddy Street, Mordialloc
 Telephone Number: 1300 287 782
 Email: sales@svc.com.au

2 Hazards identification

Precasted Concrete Products are themselves inert and non-hazardous to health in their cured completed form.

However, any cutting, drilling, or grinding operations will produce large amounts of dust and flying fragments. The dust will contain quantities of Respirable Crystalline Silica (RCS). Long term prolonged exposure to high levels of RCS can lead to an increased risk of developing silicosis and lung cancer.

Other risks of cutting, drilling or grinding cured precast concrete include fragments that can be projected at high speed so there is the risk of injury or damage. If the concrete has a rough surface finish or steel reinforcement is exposed, cuts & abrasions or puncture wounds may be sustained.

SVC Products recommends the following PPE controls when performing such tasks.

 Eye Protection	 Hi-Viz Top	 Safety Footwear	 Hearing Protection	 Gloves	 Face Mask (P2)
☒	☒	☒	☒	☒	☒

Recommendations to follow abrasive and glass blasting safety procedures is highly recommended.

Local exhaust Ventilation equipment should be considered through risk assessment.

For further information, please refer to [Model Code of Practice: Abrasive blasting & Worksafe Crystalline Silicia Safety Video](#) (select to access)

SVC Products will not be accountable for health, safety or environmental risks caused by third-party alterations to our products.

3. Composition / information on ingredients

Precast concrete products are composed of sand & aggregates (which contain naturally occurring silica), cementitious material, admixtures and water. Some products may contain steel reinforcing.

4. First aid measures

If in doubt or symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation (Dust)- Remove to fresh air. Seek medical attention if required.

Skin. Wash thoroughly with soap & water or proprietary skin cleaner and apply (cuts/abrasions) suitable dressings.

Eye Contact. Contact lenses should be removed. Irrigate with copious amounts of clean, fresh water while holding the eyelids apart. Seek medical attention.

Ingestion. Remove from exposure to fresh air and seek medical attention.

5. Firefighting measures

Concrete is not flammable.

6. Accidental release measures

Avoid breathing in dust, wear dust mask/respirator and goggles.

Dust is best cleaned up by vacuum device to avoid making dust airborne. Wetting down before sweeping up dust may be a useful control measure.

See also Item 12 Ecological information.

7. Handling & storage

Products should be stored on firm, even ground.

Products should be placed on timbers and strapped to avoid rolling and movement.

Avoid manual handling of precast products exceeding 20 kilos in weight.

Lifting equipment must be compliant.

SVC Products mostly have pre-certified lifting points. Please verify lifting capabilities with us prior to collection.

Precast products produced in colour finish will fade over time if exposed to constant sun.

Precast products may develop moss covering if exposed to moist and damp conditions for long periods.

Most precasted products have a life cycle of between 30 – 100 years dependent on their mix design and function.

8. Exposure control / personal protection

Refer to Item 2 Hazard Identification.

9. Physical & chemical properties

Appearance: Dark or Light Grey in colour for standard mix designs.

Melting Point: > 1200

PH measure: > 7.0

Solubility: Not soluble, or slightly soluble

Other Chemical Properties: Not Applicable.

10. Stability & reactivity

Stable. No hazardous decomposition products.

11. Toxicological information

Refer to Item 2 Hazard Identification.

Eyes: May cause irritation.

Skin: Unlikely to cause irritation with brief or occasional contact.

Inhalation: Over a long period of time may give rise to lung damage.

Ingestion: Unlikely to cause harm.

12. Ecological information

Non-hazardous & non-biodegradable.

No adverse ecological effects are expected.

Crushed product and dust can form an alkaline mixture in water.

Do not perform grinding, blasting, or cutting tasks where dust can contaminate stormwater.

13. Disposal considerations

Most precasted products have a life cycle of between 30 – 100 years dependent on their mix design and function.

Most precast products can be recycled.

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

Occupational Health and Safety Regulations 2017

[Worksafe Crystalline Silica Safety Video](#) (select to access)

16. Other information

Precast Concrete Products are classified as Non-Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail

Disclaimer:

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