

1. Identification of the product and of the company/undertaking

Product name:	Precast concrete products
Manufacturer/supplier:	Elite Precast Concrete, Unit O, Halesfield 9, Telford, TF7 4QW
Telephone:	01952 588885 (weekdays 7.00am - 4.30pm) or 07920 147503 (out of hours)

2. Composition/information on ingredients

Concrete products consist of cement (which may contain silica), aggregates and water, and which may also contain admixtures and reinforcement together with other cast in components.

3. Hazards identification

Hardened concrete is classed as non-hazardous, however, handling due to it's mass and weight can be an issue and contact with skin can cause irritation.

Silicosis (lung disease) is a risk from inhalation of concrete dust, a particular risk when dry cutting or drilling into concrete, along with risks of flying fragments.

The use of hard hats, plus safety gloves, footwear and goggles are advisable when moving or modifying products.

4. First aid measures

Inhalation:	Remove the person from further exposure to dust and seek medical attention if required.
Skin contact:	Wash thoroughly with soap and water. If irritation occurs, seek medical advice.
Eye Contact:	Irrigate eye with copious amounts of clean water/eye wash solution. If irritation occurs, seek medical attention.
Ingestion:	If dust is accidentally swallowed, remove the person from further exposure to dust and seek medical attention if required.

5. Firefighting measures

Concrete is not flammable and does not facilitate combustion with other materials.

6: Accidental release measures

Personal precautions:	In the event of dust release, avoid breathing in dust and wear dusk mask respirator and safety goggles.
Environmental precaution:	Does not constitute a significant hazard.
Clean-up method:	No special requirements. Minimise risk of creating dust and use mechanical aids to reduce manual handling risk.

7. Handling and storage

Handling:	Products can be delivered complete or smaller units may be supplied on pallets. Where installed, use all of the cast-in lifting points and follow good lifting practice. Ensure all equipment is rated to safely lift the product/s.
Storage:	All products should be stored on firm and level ground, ideally close to the end point of use. When not on pallets, products should be placed on suitably placed timbers. Any product banding should be cut with care as products could potentially move.

8. Exposure controls/personal protection

Control parameter:	Not generally required, but consideration should be given to dusk release due to on-site work with products – see HSE Guidance Note for details.
Exposure controls:	<p>Control respiratory risk to dust via good ventilation/wet cutting and wearing of appropriate face mask. Hands should be protective with appropriate safety gloves.</p> <p>Safety boots and hard hats should be worn to protect against falling/ swinging objects. Safety goggles or face shield are advisable where there is risk of flying fragments or dust. Wash hands before breaks and after finishing work.</p>

9. Physical and chemical properties

Concrete products are solid, generally grey in colour and odourless.

10. Stability and reactivity

Hardened concrete is generally classed as being stable. Prolonged exposure to certain elements such as acids has the potential to cause toxic gases/cause the concrete to slowly disintegrate.

11. Toxicological information

Inhalation:	May cause damage to membranes in nose and the respiratory system.
Skin contact:	Potential to cause burns.
Eye contact:	Risk of irritation or serious damage.
Ingestion:	May cause discomfort.

12. Ecological information

Concrete products are not classed as environmentally hazardous under normal circumstances.

13. Disposal Considerations

Concrete should be recycled where feasible. Alternatively, disposal in accordance with local/national authority requirements.

14. Transport information

Products are not covered by international regulation as classified as not hazardous.

15. Regulatory information

Not classified as dangerous for supply in the UK.

16. Other information

It is the responsibility of the end user to undertake a suitable workplace risk assessment/COSHH assessment prior to receiving and using our products.

Typical guidance:	Health & Safety at Work Act
	Consumer Rights Act
	Control of Substances Hazardous to Health Regulations
	Environmental Protection Act
	HSE Guidance
	Manual Handling Operations Regulations
	Chemical Regulations