



For more information about working safely with Helix please visit our website



Please see the Australian and New Zealand SDS documents as follows

Respirable Crystalline Silica

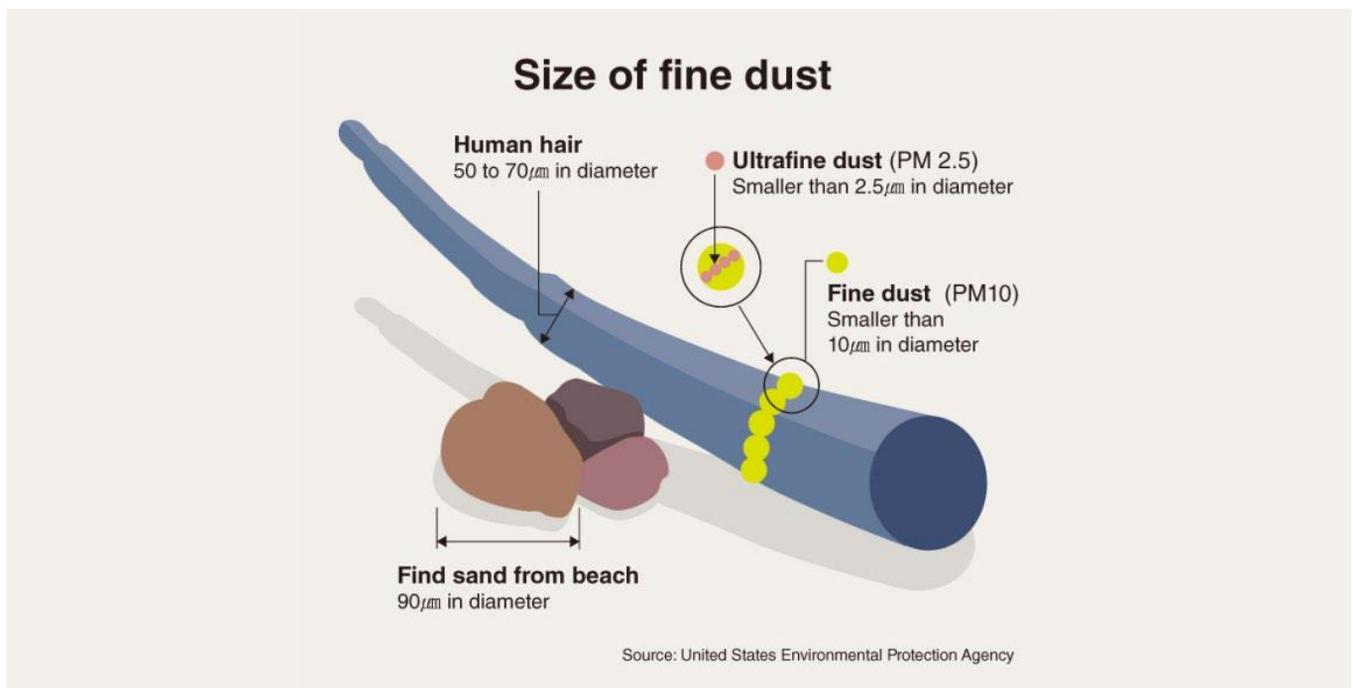
Workplace Exposure is Preventable

What is Crystalline Silica? — Crystalline Silica is found naturally in stone, rocks, sand, gravel and clay.

What is Respirable Crystalline Silica Dust? — Respirable crystalline silica is dust generated from materials and products containing silica. It is released when mechanically treated (e.g., cutting, sawing, abrading such as rasping, scaping, grinding down, chasing or crushing).

This dust is of concern due to its size — it can become trapped deep in the lungs and cause long-term damage.

Independent testing has determined the amount of Crystalline Silica that may become respirable size particles when conducting these activities. (Helix testing recorded under 4% RCS in dust generated.)



Section 1. Product Identification

PRODUCT NAME	Helix Waterproof Base Sealer
PRODUCT USE	Waterproof base coating and sealing system for AAC panels and other approved substrates
SUPPLIER	Helix AAC Pty Ltd Unit 58 / 7 Dalton Road, Thomastown VIC 3074, Australia Ph 1300 435 492 www.helixsystems.com.au
EMERGENCY	Poisons Information Centre Australia: 13 11 26

Section 2. Hazard Identification

Hazardous Nature	Helix AAC Base Sealer is a water-based surface coating and sealer. It is not classified as hazardous under GHS. Wet product may be slippery. May cause mild skin and eye irritation with prolonged contact.
The following GHS classifications refer only to this product	
GHS Classification:	
<ul style="list-style-type: none"> Not classified as hazardous under GHS Non-Dangerous Goods under ADG Code 	
The following GHS Hazard and Precautionary Statements refer only to Helix AAC Base Sealer:	
GHS Hazard Statements:	GHS Precautionary Statements:
<ul style="list-style-type: none"> May cause mild skin and eye irritation Wet product may be slippery 	<ul style="list-style-type: none"> P280 – Wear gloves and eye protection during handling P261 – Avoid breathing vapour or spray mist
Helix AAC Base Sealer is classified as Non-Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.	

Section 3. Composition Information

Chemical	CAS No.	Proportion
Acrylic Polymer Emulsion	Proprietary	40-60%
Mineral Fillers (Calcium Carbonate)	471-34-1	20-40%
Water	7732-18-5	10-20%
Additives / Wetting Agents	Proprietary	<5%
Pigments (if tinted)	Various	<5%
All ingredients are determined to be non-hazardous according to Safe Work Australia criteria.		

Section 4. First Aid Measures

INHALATION	Move to fresh air. If breathing difficulty persists, call a doctor.
EYE CONTACT	Rinse gently with water for several minutes. Remove contact lenses if present and easy. Seek medical attention if irritation continues.
SKIN CONTACT	Wash with soap and water. Remove contaminated clothing. If irritation occurs, seek medical attention.
INGESTION	Rinse mouth with water. Do not induce vomiting. Seek medical advice if discomfort persists.
Advice to Doctor: Treat symptomatically based on individual reactions.	

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Use carbon dioxide, foam, dry chemical, or water spray as required for fires in surrounding materials. The product itself is water-based and not flammable.
Specific Hazards	May produce carbon oxides if exposed to extreme heat or combustion.
Special protective Equipment & Precautions for Firefighters	Standard firefighting gear should be worn as required for the surrounding fire.
HAZCHEM Code	None Applicable

Section 6. Accidental Release Measures

Personal Precautions	Wear appropriate personal protective equipment (PPE) to avoid skin and eye contact.
Environmental Precautions	Prevent product from entering drains, sewers, or natural waterways.
Methods for Containment and Clean Up	Contain spill using absorbent material (e.g. sand, earth, or inert material). Collect and place in suitable containers for disposal. Clean area with water, preventing run-off into drains.
Disposal	Dispose of in accordance with local, regional, and national regulations.

Section 7. Handling & Storage

Handling	<ul style="list-style-type: none"> • Use in well-ventilated areas • Keep sealed when not in use • Avoid eye and prolonged skin contact
Storage	<ul style="list-style-type: none"> • Store indoors in original container • Protect from frost and excessive heat • • Keep out of reach of children

Section 8. Exposure Controls / Personal Protective Equipment

Exposure Limit (Australia)	Not applicable for mixture
Personal Protective Equipment (PPE)	<ul style="list-style-type: none"> • Gloves: Nitrile or PVC recommended • Eye Protection: Safety glasses or goggles • Respiratory Protection: Not generally required; P2 mask if spraying
Engineering Controls	Use mechanical ventilation when spraying

Section 9. Physical & Chemical

Appearance	White or coloured viscous liquid
Odour	Mild / faint latex odour
pH	7–9
Boiling Point	~100°C
Flash Point	Not applicable (water-based)
Solubility	Miscible with water
Specific Gravity	~1.20–1.40

Section 10. Stability & Reactivity

Stability	Stable under normal use and storage conditions.
Conditions to Avoid	Avoid freezing and excessive heat.
Incompatible Materials	None known.
Hazardous Reactions	No dangerous reactions known under normal conditions of use.

Section 11. Toxicological Information

Health Effects	<ul style="list-style-type: none"> • Low toxicity • Prolonged or repeated exposure may cause minor irritation to skin, eyes or respiratory system
No evidence of sensitisation, mutagenicity, carcinogenicity or reproductive toxicity.	

Section 12. Ecological Information

Environmental Hazards	Water-based product with low environmental impact.
Precautions	Prevent uncured material from entering drains, sewers, or natural waterways.
Persistence & Degradability	Cured material is inert and not expected to bio-accumulate.

Section 13. Disposal

Waste Disposal	Do not pour liquid product into drains, sewers, or onto soil.
Disposal of Residues	Allow leftover or unused product to cure fully before disposal.
Regulatory Compliance	Dispose of all waste material and containers in accordance with local, regional, and national waste management regulations.

Section 14. Transport Information

UN Number	Not applicable
UN Proper Shipping Name	Not classified as hazardous for transport
Transport Hazard Class(es)	None
Packaging Group	None
Special Precautions for User	No special transport requirements. Product is not regulated under ADG, IMDG, or IATA codes.

Section 15. Regulatory Information

Poisons	No poison schedule classification required
Classified as Non-Hazardous under Workplace Health & Safety Regulations (SWA)	

Section 16. Other Information

Further Information Contact	Helix AAC Pty Ltd Unit 58 / 7 Dalton Road, Thomastown VIC 3074, Australia Ph 1300 435 492 www.helixsystems.com.au
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DISCLAIMER

The information contained in this material Safety Data Sheet is believed to be reliable. No guarantee is implied or expressed regarding the accuracy of this information or the use of the product since the conditions of use are beyond manufacturer's control. Nothing contained herein should be construed as a recommendation to use this product in conflict with existing patents covering any material or its use.

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