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**SECTION 1. IDENTIFICATION**

Product Name: SilaSeal  
Product Use: Water proofing agent

Manufacturer or supplier's details  
Company name: SiF Sealers Pty. Ltd.  
Lesmurdie WA 6076  
Company contact: Email: [admin@sifsealers.com.au](mailto:admin@sifsealers.com.au)  
Website: [www.sifsealers.com.au](http://www.sifsealers.com.au)  
Phone: 0498 019 053  
Emergency telephone: Poisons Information Centre: 131126

**SECTION 2. HAZARDS IDENTIFICATION**

Non-hazardous according to Australia GHS criteria. Non-dangerous goods to the ADG code.

GHS classification: Not a hazardous substance or mixture.  
GHS label elements: Not a hazardous substance or mixture.

Contains isothiazolinones.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Non-hazardous ingredients.

**SECTION 4. FIRST AID MEASURES**

If inhaled: If inhaled, remove to fresh air.  
Get medical attention if symptoms occur.

In case of skin contact: Wash with water and soap as a precaution.  
Get medical attention if symptoms occur.

In case of eye contact: Flush eyes with water.  
Get medical attention if irritation develops and persists.

If swallowed: If swallowed, DO NOT induce vomiting.  
Get medical attention if symptoms occur.  
Rinse mouth thoroughly with water.

Protection of first-aiders: No special precautions are necessary for first aid responders.

Notes to physician: Treat symptomatically and supportively.

**SECTION 5. FIRE-FIGHTING MEASURES**

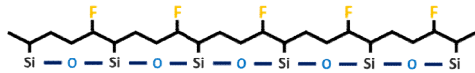
Suitable extinguishing media: Not applicable

Specific hazards during firefighting: Exposure to combustion products may be a hazard to health.

Hazardous combustion products: Toxic

Specific extinguishing methods: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special protective equipment for



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fire-fighters: Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures: Follow safe handling advice and personal protective equipment recommendations. See section 8.

Environmental precautions: Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g., by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillage cannot be contained.

Methods and materials for containment and cleaning up: Soak up with inert absorbent material.

**SECTION 7. HANDLING AND STORAGE**

Local/Total ventilation: Use only with adequate ventilation. Product may release ethanol. Flammable vapours may accumulate and form explosive mixtures with air in containers. Keep away from sources of ignition and do not smoke.

Advice on safe handling: Handle in accordance with good industrial hygiene and safety practice. Take care to prevent spills, waste and minimize release to the environment.

Conditions for safe storage: Keep in properly labelled containers. Store in a cool, dry place. Protect against sun. Protect against frost. Store container in a well ventilated place. Store in accordance with Work Health & Safety Regulations or Occupational Health & Safety Regulations.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Control parameters  
Maximum airborne concentrations at the workplace:

CAS No.	Substance	Type	mg/m <sup>3</sup>	ppm
	Aerosol - inhalable fraction		10.0	
64-17-5	Ethanol	ES_Au	1900.0	1000.0

The aerosol limit specified is a recommendation should aerosol be formed during processing.

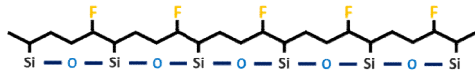
Personal protective equipment  
Respiratory protection: General and local exhaust ventilation is recommended to maintain vapour exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection (AS1716/1715) should be worn.

Hand protection: Wear chemical resistant gloves.

Eye protection: Wear suitable protective goggles.

Skin and body protection: Skin should be washed after contact.

Hygiene measures: When using do not eat, drink or smoke. Wash contaminated clothing before re-use.



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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Liquid, milky emulsion
Colour:	Opaque, white
Odor:	No data available
pH:	approx. 8
Melting point/freezing point:	0 °C
Initial boiling point and boiling range:	100 °C
Flash point:	No data available
Evaporation rate:	No data available
Flammability limits %:	No data available
Density:	Approx. 1.0 g/mL
Solubility in water:	Miscible

**SECTION 10. STABILITY AND REACTIVITY**

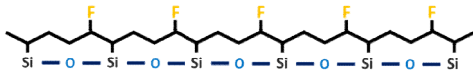
Reactivity:	Not classified as a reactivity hazard.
Chemical stability:	Stable under normal conditions. Avoid heat, open flames and other sources of ignition.
Incompatible materials:	Basic and acidic substances. Reaction causes the formation of ethanol.
Hazardous decomposition products	
By hydrolysis:	Ethanol

**SECTION 11. TOXICOLOGICAL INFORMATION**

Acute toxicity:	Not classified based on available information.
Acute oral toxicity:	LD50 (Rat): > 2,000 mg/kg
Acute inhalation toxicity:	Not classified based on available information.
Acute dermal toxicity:	Not classified based on available information.
Skin corrosion/irritation:	Not classified based on available information.
Serious eye damage/eye irritation:	Not classified based on available information.
Respiratory or skin sensitization:	Not classified based on available information.
Germ cell mutagenicity:	Not classified based on available information.
Carcinogenicity:	Not classified based on available information.
Reproductive toxicity:	Not classified based on available information.
Aspiration toxicity:	Not classified based on available information.
Further information:	Hydrolysis product, ethanol is readily absorbed at all exposure routes. Ethanol may cause irritation of eyes and mucosa, trigger dysfunction of the central nervous system as well as dizziness. Chronic exposure to high amounts of ethanol may cause damage to liver and central nervous system.

**SECTION 12. ECOLOGICAL INFORMATION**

Product Ecotoxicity:	According to current knowledge adverse effects on water purification plants are not expected.
Persistence and degradability:	Contact with water liberates ethanol and silanol and/or siloxanol compounds. Silicone content, biologically not degradable. Elimination by adsorption to



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Bioaccumulative potential:	activated sludge. The hydrolysis product, ethanol is readily biologically degradable.
Mobility in soil:	Bioaccumulation is not expected to occur.
Other adverse effects:	Silicone content: Absorbed by floating particles. Separation by sedimentation.
	None known.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Disposal methods	
Waste from residues:	Dispose of in accordance with local regulations.
Contaminated packaging:	Empty containers should be taken to an approved wastehandling site for recycling or disposal.
If not otherwise specified:	Dispose of as unused product.

**SECTION 14. TRANSPORT INFORMATION**

Not classified as a dangerous good by the criteria of the ADG code, IMDG or IATA.

UN Number:	None allocated
Land transport ADG Code:	Not regulated for transport
Transport by sea IMDG Code:	Not regulated for transport
Air transport IATA-DGR:	Not regulated for transport

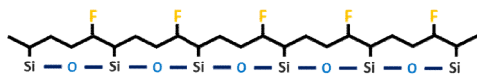
**SECTION 15. REGULATORY INFORMATION**

Safety, health and environmental regulations/legislation specific for the substance or mixture:	National and local regulations must be observed. For information on labelling, please refer to section 2 of this document.
Poisons Standard:	Not a scheduled poison.
AICS (Australian Inventory of Chemical Substances):	This product is listed in, or complies with, the substance inventory.

**SECTION 16. OTHER INFORMATION**

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements. For further information contact SiF Sealers.

Glossary of terms:	
CAS No.	Chemical Abstracts Service Registry Number
UN No.	United Nations Dangerous Goods Number
ADG Code	Australian Dangerous Goods Code for the Transport of Dangerous Goods by Road & Rail
IMDG Code	International Maritime Dangerous Goods Code
IATA Regs	International Air Transport Association Dangerous Goods Regulations
NOHSC	Australian National Occupational Health and Safety Commission (Note: NOHSC documents are published by Safe Work Australia)



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