

# Safety Data Sheet

## SIMSHIELD WATERPROOF SEALANT



### 1) IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name(s): **SIMSHIELD - WATERPROOF SEALANT**  
Recommended Use: Waterproofing membrane and protective coating  
Supplier: Simseal Pty Ltd  
ABN: 75 861 683 120  
Street Address (Regd. Office): Unit 8/33-43 Meakin Road  
Meadowbrook QLD, 4131  
Telephone Number: 1300 SILICONE  
Emergency Telephone: 13 11 26 (Poisons Information Centre)  
Email: [info@simseal.com.au](mailto:info@simseal.com.au)

### 2) HAZARDS IDENTIFICATION

Based on available information Simseal is classified as non hazardous according to criteria of NOHSC.  
Not classified as dangerous goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road, sea, rail and air.

### 3) COMPOSITION/INFORMATION ON INGREDIENTS

Product description: Waterproofing membrane liquid material applied by brush, roller or spray.

Components	CAS Number	Proportion
Bitumen mixture	9072-35-9	50-75%
Polymer dispersion	9010-98-4	10-30%
Viscosity modifiers	N/A	0.5-2%
Anionic Surfactants	143-19-1	0.5-2%

### 4) FIRST AID MEASURES

Inhalation: Non toxic and odourless product. No fumes or vapours present.  
Skin Contact: This is an alkaline product. If contact with the skin occurs immediately wash thoroughly with fresh water. If product has dried on the skin massage with mineral oil or any edible oil then wash with soap and water. If irritation persists seek medical attention.  
Eye Contact: Flush eyes immediately with large amounts of water for 10 minutes or until irritation subsides. Seek medical advice in case of eye contamination, especially if irritation persists.  
Ingestion: Rinse mouth with water. If swallowed, give a glass of water to drink. DO NOT INDUCE VOMITING. Seek medical assistance.  
Physician Note: Treat symptomatically.

### 5) FIRE FIGHTING MEASURES

Specific Hazards: Water based liquid – non flammable material.  
Fire-fighting advice: Product is non flammable. Product will not burn but may splatter if temperature exceeds boiling point (100°C).  
Extinguishing Media: N/A

### 6) ACCIDENTAL RELEASE MEASURES

Small spills: Slippery when wet. Ensure care, clean up immediately. Collect in a container and place in well ventilated area to dry. Wash any excess material away with water.  
Large spills: Slippery when wet. Ensure care, contain spilt material – prevent run off into drains and waterways. Use absorbent soil, sand or other inert material. Obstruct with sandbags if necessary. Collect and seal in containers or drums for disposal in accordance with local government requirements. Wash any excess material away with water.

### 7) HANDLING AND STORAGE

Handling advice: Avoid eye contact and repeated skin contact. Use standard industrial hygiene and safety practise when handling this product.  
Storage Advice: Keep out of reach of children. Store in a cool dry place out of direct sunlight. Keep containers closed when not in use – check regularly for leaks and mix well before next use.

### 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits: No value assigned for this specific material by the national Occupational Health and Safety Commission.  
Engineering Control Measures: Keep containers closed when not in use.  
PPE: If there is a risk of eye contact or repeated skin contact wear safety glasses, gloves and overalls. If spraying wear a Type A Class P1 mask. Wash hands before eating or drinking.

# Safety Data Sheet

## SIMSHIELD WATERPROOF SEALANT



### 9) PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Brown liquid	pH:	7-13
Auto Ignition Temperature (°C):	Not applicable	Vapour Density (air = 1):	>1
Odour:	Very slight ammoniac	Specific Gravity:	1.00 @ 20°C
Flammability:	Non flammable	Solubility in water:	Soluble
Boiling Point (°C):	100°C	Vapour Pressure (mm Hg):	17 @ 20°C
Melting Point (°C):	Not applicable	Evaporation Rate (nBuAcetate = 1):	<1

### 10) STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of use and storage.
Reactivity:	Non reactive under normal conditions of use and storage.

### 11) TOXOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this SDS and the product label. Symptoms or effects that may arise if the product is mishandled or overexposure occurs are:

Ingestion:	Will cause discomfort on swallowing, large amounts may cause nausea and vomiting.
Eye Contact:	May cause irritation to the eye.
Skin Contact:	Product is unlikely to affect the skin. However individuals with pre-existing skin conditions may be sensitive to contact.
Inhalation:	Product has no vapours when brush/roller applied however if sprayed in confined spaces or poorly ventilated areas particles may cause irritation to mucous membranes of the respiratory tract, headache and nausea.
Long Term effects:	None Known
Toxicological Data:	No LD50 data available for the product.

The components in the specified proportions are not considered to present a hazard under conditions of good occupational work practice.

### 12) ECOTOXOLOGICAL INFORMATION

Product is water based and will wash away. Take care to avoid contaminating drains and waterways.

### 13) DISPOSAL CONSIDERATIONS

For large quantities:	Refer to waste management authority. Dispose of material through a licensed waste contractor.
For small quantities:	Do not pour leftover product down the drain. Unwanted product should be allowed to dry and then disposed of via waste collection. Empty containers should be left open to dry out. Disposal of empty containers via domestic recycling programs may differ between local authorities, check with local council first.

### 14) TRANSPORT INFORMATION

Road & Rail Transport:	Not classified as dangerous goods by the criteria of the Australian Dangerous goods code (ADG Code) for transport by road and rail.
Marine Transport:	Not classified as Dangerous goods by the criteria of the International Maritime Dangerous Goods code (IMDG Code) for transport by sea.
Air Transport:	Not classified as dangerous goods by the criteria of the CASA (Civil Aviation Safety Authority), IATA (International Air Transport Association) and ICAO (International Civil Aviation Organization for transport by air).

### 15) REGULATORY INFORMATION

Classification:	Not classified as hazardous according to criteria of NOHSC
Poisons Schedule:	None allocated

The constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

### 16) OTHER INFORMATION

This SDS has been prepared by:	Simseal Pty Ltd
Reason(s) for issue:	Revised SDS 01/07/2021

The information contained in this document is based on the data believed to be correct by Simseal Pty Ltd at the date of issue and is subject to change without notice. The information is provided with the intention to assist in the safe handling and use of this product. As the supplier cannot anticipate or control all situations in which the product may be handled or used, the user must assess and control risks associated with their own particular use of this material. No warranty is given or implied as to the completeness, accuracy or otherwise of the data given. For further information please contact Simseal Pty Ltd.