

# Safety Data Sheet

## SIMSHIELD - PROTECTIVE TOP COAT



### 1) IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name(s): **SIMSHIELD - PROTECTIVE TOP COAT**  
Recommended Use: Coating of Simshield Waterproof Membranes by brush, roller or spray application  
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 SIMSHIELD - PROTECTIVE TOP COAT 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:	UV and heat reflective acrylic coating applied by brush, roller or spray.	
Components	CAS Number	Proportion
Pigments	Various	5-30%
Acrylic Polymer Emulsion	Proprietary	30-60%
Mould Inhibitor	Various	<1%
Surfactant & Coalescent	Various	<3%
Non Hazardous Ingredients		to 100%

### 4) FIRST AID MEASURES

Inhalation: Remove victim from area of exposure. Remove contaminated clothing. Allow patient to be as comfortable as possible and keep warm. If effects persist seek medical attention.  
Skin Contact: Wash contact area with large amounts of water. Remove contaminated clothing. If irritation occurs seek medical advice.  
Eye Contact: Flush eyes immediately with large amounts of water until irritation subsides. It is a sensible precaution to 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 – non flammable material.  
Fire-fighting advice: Product is non flammable. However after evaporation of the water component of the material, the residual material can burn if ignited. Fire fighters must wear self-contained breathing apparatus and suitable protective clothing if at risk of exposure to vapour or products of combustion.  
Extinguishing Media: Water fog (or if unavailable fine water spray), foam, carbon dioxide, dry chemical powder.

### 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. When dry dispose of in normal waste collection.  
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 properly labelled containers or drums for disposal in accordance with local government requirements.

### 7) HANDLING AND STORAGE

Handling advice: Avoid eye contact and repeated or prolonged 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: Provide adequate ventilation. Keep containers closed when not in use.  
PPE: Overalls, safety glasses, gloves, respirator. If there is a risk of eye contact, repeated or prolonged skin contact or inhalation wear gloves, safety glasses and a respirator. Wash hands before eating or drinking.



### 9) PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Coloured viscous liquid	Evaporation rate:	Not applicable
Odour:	Slight ammoniac	Flammability:	Non flammable
Solubility in water:	Soluble	Flammability limits (%):	Not applicable
pH:	8-10	Vapour pressure:	Not available
Specific gravity:	1.05 – 1.10 @ 20°C	Partition co-efficient:	Not available
Melting point (°C):	Not available	Auto ignition temp:	Not applicable
Flash Point (°C):	Not applicable	Viscosity:	Varies

### 10) STABILITY AND REACTIVITY

Stability: Stable 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 if swallowed, 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 is normally used on roofs in the open air however if used in confined spaces or in poorly ventilated areas it 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

Avoid contaminating 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 paint down the drain. Unwanted paint should be allowed to dry and then disposed of via waste collection. Empty paint containers should be left open to dry out. Disposal of empty paint 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.