

Safety Data Sheet

Simshield Primer / Sealer



1) IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name(s): **SIMSHIELD - PRIMER / SEALER**
Recommended Use: Priming of painted surfaces prior to application of Simshield Top Coat
Supplier: Simseal Pty Ltd
ABN: 75 861 683 120
Street Address (Regd. Office): Unit 8/33-43 Meakin Road
Street Address (Production): Meadowbrook QLD, 4131
Telephone Number: 1300 SILICONE
Emergency Telephone: 13 11 26 (Poisons Information Centre)
Email: info@simseal.com.au

2) HAZARDS IDENTIFICATION

Based on available information SIMSHIELD - PRIMER / SEALER 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: Metal primer paint applied by brush, roller or spray. Coloured viscous liquid

Components	CAS Number	Proportion
Acrylic Polymer Emulsion	Proprietary	40-53%
Individual residual monomers	NA	<0.1%
Pigments	Various	30-40%
Propylene glycol	57-55-6	3-5%
Aqua ammonia	1336-21-6	<0.2%
Water	7732-18-5	Balance

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 soap and 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 two glasses of water to drink. Do not induce vomiting. Seek medical assistance.
Physician Note: Treat symptomatically.

5) FIRE FIGHTING MEASURES

Specific Hazards: Water based non combustible material. Product may splatter at temperatures above 100°C.
Fire-fighting advice: Product is non-combustible. 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 but check regularly for leaks.

8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits: No value assigned for this specific material by the national Occupational Health and Safety Commission.
Eng. Control Measures: Provide adequate ventilation. Ensure a minimum capture velocity of 0.5m/sec at point of application. Use local exhaust ventilation in confined areas when applied by spray. Keep containers closed when not in use.

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PPE: Overalls, safety glasses, gloves, respirator. When applying by spray use an Australian Standards (must conform to the requirements of AS1715 and AS 1716) approved half-mask, air purifying respirator. If there is a risk of eye contact, repeated or prolonged skin contact, wear safety glasses and gloves. Wash hands before eating, drinking or smoking.

9) PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Viscous Liquid	Auto Ignition Temperature (°C):	Not Applicable
Colour:	Clear	% Volatile by Weight:	54-60%
Odour:	Moderate ammonia	Solubility in water (g/L):	Miscible
Solubility:	Miscible with water	Melting Point/Range (°C):	Not Applicable
Specific Gravity:	1.32 – 1.42 @ 20°C	Boiling Point/Range (°C):	100°C (water is solvent)
Vapour Pressure (20°C):	17 mm Hg	pH:	8-9.5
Flash Point (°C):	Not Applicable	Viscosity:	Not Available
Flammability Limits (%):	Not Applicable	Evaporation Rate:	Not Available

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 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.
Inhalation:	Product is normally used on roofs in the open air however if used in confined spaces or in poorly ventilated areas may cause irritation to mucous membranes of the respiratory tract, headache and nausea.
Toxicological Data:	No specific toxicity data available. Based on typical polymer emulsions used in the paint industry, the oral LD50 rate is >5000mg/kg.

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 02/03/2021

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