



# SAFETY DATA SHEET

## SD+ WB

NON-Hazardous Substance, NON-Dangerous Goods

### Section 1: Identification

**Product Identifier** Low toxicity, low VOC waterborne modified Acrylic Silicone dispersion  
Trade name: **Stain Defend Plus - WB**

**Recommended Use** Acrylic Silicone sealer for use on concrete surfaces.

**Details of supplier of the SDS** Concrete Chemical Company  
Suite 1005  
4/16 Beenleigh Redland Bay Rd  
Loganholme Q 4127  
**Contact Person**  
Scott Swift, Managing Director

**24/7 Emergency**  
1300 792 207

**Email**  
sales@concretechemical.co

### Section 2: Hazard Identification

**2.1 Classification of the substance or mixture** Classified as Non-Hazardous according to the criteria of GHS. Non-Dangerous Goods per ADG code.

**2.2 Poison Schedule** Not classified

#### 2.3 Hazard Statements

H315 Causes skin irritation  
H317 May cause allergic skin reaction  
H319 Causes serious eye irritation

#### Precautionary Statement - Prevention

P103 Read label before use  
P104 Read Safety Data Sheet before use  
P264 Wash arms, hands and face after handling  
P273 Avoid release into the environment  
P280 Wear gloves and eye protection

#### Precautionary Statement - Response

P302+P352 If on skin: Wash with plenty of water  
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, continue rinsing  
P310 If ingested: Call a Poisons Centre for advice  
P332+P313 If skin irritation occurs: Get medical attention  
P362 Take off contaminated clothing and wash before use  
P501 Dispose of contents in accordance with local and state regulations

### Section 3: Composition of Substance or Mixture

Chemical Name	CAS Number	Percentage
Styrene Acrylic Co-Polymer	25085-34-1	30-60%
Silane	2943-75-1	Less than 20%
Siloxane	68554-54-1	Less than 20%
Proprietary Ingredients	Confidential	Balance
Ingredients not considered harmful		

### Section 4: First Aid Measures

#### 4.1 General First Aid Information

##### Eye Contact

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present if easy to do. Continue rinsing. May cause irritation and redness. Seek medical attention.

##### Inhalation

Not considered a hazard.

##### Skin Contact

If on skin: wash with plenty of soap and running water. May cause redness. If irritation persists, seek medical advice.

##### Ingestion

Immediately give milk or water. Do not induce vomiting. First aid is generally not required. Call a doctor if necessary.



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### Advice to Doctor

Treat symptomatically. **Positions Information Centre Australia 131 126.**

### 4.2 Symptoms Caused by Exposure

Warning, contact Dermatitis may develop from repeated skin exposures.

## Section 5: Fire-Fighting Measures

Not flammable.

If involved in a fire there is no restriction on types of fire extinguishers used in the immediate area.

There is no explosion risk.

**Hazchem - None**

## Section 6: Accidental Release Measures

### 6.1 Personal Precautions, Protective Equipment (PPE) and Emergency Procedures

Avoid contact with skin and eyes. Wear protective gloves and eye protection.

### 6.2 Clean-up and Containment Methods

Minor hazard. Collect liquid with absorbent or sand. Place in sealed bin. Dispose of waste in accordance with local and state regulations. Generally suitable for landfill if absorbed spillage is in sealed containers.

## Section 7: Handling and Storage

### 7.1 Precautions for Safe Handling

Maintain high standards of hygiene. As with all chemicals wash hands after use. Avoid contact with eyes, skin and mouth. Avoid contact with clothing. Contaminated clothing should be disposed of.

### 7.2 Precautions for Storage

Store in original containers. Do not allow to freeze. Store away from foodstuffs.

## Section 8: Exposure Controls / Personal Protection

### 8.1 Occupational Exposure Limit Values.

No exposure standards have been established for this material by Safework Australia. However, with all chemicals, exposure should be kept to the lowest possible levels.

Engineering Controls:	No specific controls are needed. Normal room or worksite ventilation is adequate.
Respiratory Protection:	Normal room ventilation is adequate.
Skin Protection:	Wear protective chemical resistant gloves.
Eye Protection:	Wear safety glasses or goggles.

### 8.2 Personal Protective Equipment

Wear protective gloves and safety glasses or goggles eye protection. Normal room ventilation is adequate.

## Section 9: Physical and Chemical Properties

<b>Appearance</b>	Off white/blue colourless liquid
<b>Odour</b>	Slight
<b>Odour Threshold</b>	Data not available
<b>pH</b>	Approximately 7
<b>Initial Boiling Point</b>	Commences 100°C
<b>Flash Point</b>	Data not available
<b>Flammability</b>	Not flammable
<b>Explosive Limits</b>	Data not available
<b>Vapour Pressure</b>	Data not available
<b>Specific Gravity</b>	1.02-1.04
<b>Solubility in Water</b>	Dispersible
<b>Viscosity</b>	Free flowing liquid
<b>Explosive Properties</b>	Will not explode
<b>Oxidising Properties</b>	Data not available
<b>Auto Ignition Temperature</b>	Not capable of auto ignition
<b>Decomposition Temperature</b>	Will not decompose

## Section 10: Stability and Reactivity

### 10.1 Reactivity and Chemical Stability

Stable under normal conditions of use.

### 10.2 Possibility of Hazardous Reaction

Hazardous polymerization will not occur.

### 10.3 Conditions to Avoid

Stable under normal conditions.

### 10.4 Hazardous decomposition Products

Will not occur.



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### Section 11: Toxicological Information

**Acute Toxicity – Oral Exposure**

Has not been classified as harmful by ingestion. Ingestion may irritate the gastric tract causing vomiting and nausea.

**Acute Toxicity – Dermal Exposure**

This material is not thought to produce adverse health effects or skin irritation from contact. Nevertheless, good hygiene practice requires skin to be protected from any chemical contact.

**Acute Toxicity – Inhalation Exposure**

Not thought to produce adverse health effects from inhalation. Nevertheless, good hygiene practice requires avoiding breathing any chemical product.

**Chronic Exposure**

Long term exposure to the product is not thought to produce any chronic health effects. Nevertheless, exposure by all routes should be minimized as a matter of course.

**Skin Contact and Irritation**

Not thought to produce adverse health effects from skin contact.

**Serious Eye Damage and Irritation**

Not thought to produce adverse health effects from eye contact. Refer to first aid procedures in section 4 above.

**Cell Mutagenicity**

Not considered mutagenic.

**Carcinogenicity**

Not considered to be carcinogenic.

**Reproductive Toxicity**

Not applicable

**Target Organ Toxicity from Single Exposure**

Not applicable

**Target Organ Toxicity from Repeated Exposure**

Not applicable

**Aspiration hazard**

Not applicable

**Additional Toxicity Information**

Data not available

### Section 12: Ecological Information

**12.1 Ecotoxicity**

Not classified as toxic to aquatic life with long lasting effects. However, avoid release to the environment. Dispose of contents in accordance with local, state and federal regulations.

**12.2 Persistence and Degradability**

Data not available.

**12.3 Bioaccumulative Potential**

Data not available.

**12.4 Mobility in Soil**

Data not available

**12.5 Other adverse Ecological Effects**

Data not available

### Section 13: Disposal Considerations

**13.1 Waste Treatment Methods**

Do not allow into drains or watercourses. Wastes are not controlled wastes but should be disposed of in accordance with any applicable regulations. Absorbed spillages are suitable for land fill disposal.

### Section 14: Transportation Information

**Not regulated for transport of Dangerous Goods****14.1 UN Number**

None

**14.2 Proper Shipping Name or Technical Name**

Acrylic Silicone waterborne emulsion

**14.3 Transport Hazard DG Class**

None (ADG7)



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- 14.4 Packing Group**  
Not regulated
- 14.5 Special Provisions**  
No data available
- 14.6 Label**  
No specific requirement
- 14.7 Hazchem code**  
None
- 14.8 EPG Number**  
None

### Section 15: Regulatory Information

- 15.1 General Information**  
No data available
- 15.2 Poisons Schedule**  
None
- 15.3 National / Regional Inventories**  
AICS listed

### Section 16: Other Information

- 16.1 Revision and Date of SDS**  
Issue number 1, dated 08 May 2024

#### Disclaimer

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Concrete Chemical Company cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their Concrete Chemical Company representative or Concrete Chemical Company at the contact details on page 1.

Concrete Chemical Company responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.

**End of Safety Data Sheet**