



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
2/58 Pritchard Road Virginia
Queensland 4014 Australia
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

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