

Classified as hazardous according to criteria of Work Safe Australia

Section 1: Identification of the substance/mixture and of the company

1:1 Product Identifier

Product Name: Spectrum Futura S-25 Silicone
Other Names: S-25
Product Code: SPECS25

1:2 Relevant identified uses of the product

Application: Acetic cure silicone sealant for internal and external tiling applications

1:3 Supplier details

Supplier: Adhesive Construction Technology Pty Ltd (ABN: 65 167 149 233)
Address: 65 Dunn Rd Rocklea QLD 4106
Phone: 1300 794 321 | 07 3255 5601
Emergency Phone: 1300 794 321

The information contained in this safety data sheet is accurate on the date of issue and in accordance with the information available at that time. Persons dealing with products referred to in this safety data sheet do so at their own risk. ACT Australia accepts no liability whatsoever for damage or injury, however caused, arising from use of this information or of suggestions contained herein.

Section 2: Hazard Identification

2:1 Classification of product

Skin Corrosion/Irritation: Category 2 (**H315**)
Carcinogenicity: Category 2 (**H351**)
Specific Target Organ Toxicity (Repeated Exposure): Category 2 (**H373**)
Acute Toxicity (Inhalation): Category 4 (**H332**)

Fumes may irritate throat and respiratory system and cause coughing.
Frequent inhalation of fumes over a long period of time increases the risk of developing cancer or lung diseases.

Avoid contact with eyes.

Do not swallow.

Product can have an irritating effect on skin. Prolonged contact may cause irritation.



Signal Word: **DANGER**

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Hazard Statements:

H315	Causes skin irritation
H351	Suspected of causing cancer
H373	May cause damage to organs (lungs) through prolonged or repeated exposure
H332	Harmful if inhaled

Precautionary Statements:

Prevention	
P203	Obtain, read and follow all safety instructions before use.
P264	Wash skin thoroughly after handling.
P280	Wear protective gloves, mask, eye and face protection
P261	Avoid breathing fumes
P270	Do not eat, drink or smoke when using this product.
P271	Use only in a well-ventilated area.
Response	
P302+P352	IF ON SKIN: Gently wash with plenty of soap and water.
P332+P317	IF SKIN irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P318	If exposed or concerned, get medical advice.
P319	Get medical help if you feel unwell
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P337+P317	If EYE irritation persists: Get medical help.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local regulations

2.3 Other hazards

Other hazards: N/A

Section 3: Composition/Information on Ingredients

3:1 Mixtures

Chemical Name	CAS-No.	%	Hazard Classification of Ingredient
Silicon Dioxide Fumed silica (Non-Respirable)	7631-86-9	5-10%	Carcinogenicity HC-1A STOT RE HC-1
Distillates (petroleum)	64742-46-7	5-10%	Aspiration hazard HC-1 Acute toxicity HC-4 Carcinogenicity HC-1B Skin irritation HC-2

Non Hazardous Ingredients	N/A	Balance	N/A
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Section 4: First Aid Measures

4:1 Description of first aid measures

Inhalation:	Move subject to fresh air. Monitor and consult a doctor if concerned
Skin Contact:	Wash affected areas thoroughly with soap & water. Consult a doctor if irritation persists
Eye Contact:	Flush eyes with large amount of water for at least 15 minutes, holding eyelids apart. Consult a doctor if irritation persists
Ingestion:	Flush mouth with copious amounts of water. Consult a doctor.

4:2 Symptoms caused by exposure

Inhalation:	Fumes may irritate airway and cause coughing
Skin Contact:	Product may irritate skin. Prolonged exposure could result in allergic reaction such as a rash or burning sensation
Eye Contact:	Contact with eye can cause damage – immediately seek first aid
Ingestion:	Can cause irritation to the throat and stomach

4:3 Medical Attention and Special Treatment

N/A

Section 5: Fire Fighting Measures

5:1 Suitable extinguishing media

Use dry chemical, CO₂, alcohol-resistant foam or water spray (fog)

Unsuitable extinguishing media: water jet

5:2 Specific hazards

In case of fire product can be flammable.

High heat can cause container rupture or explosion.

5:3 Special protective equipment and precautions for fire fighters

Chemical resistant clothing should be used along with respiratory protection.

Unsuitable extinguishing media: water jet

Use water spray to keep fire-exposed containers cool. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Section 6: Accidental Release Measures

6:1 Personal precautions, protective equipment and emergency procedures

Wear appropriate clothing, gloves, eye protection and facemask to avoid inhalation and contact with skin or eyes.

Emergency Procedures: N/A

6:2 Environmental precautions

Do not allow this product to be released into storm water drains, creeks, or open bodies of water. Dispose in accordance with local regulations.

6:3 Methods and materials for contaminant and cleaning up

In dry form: Vacuum where possible. Sweep with a brush or broom.

In wet form: Cover any drains and wipe product with a cloth. Dispose in accordance with local regulations.

Section 7: Handling and Storage

7:1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid fumes by wearing appropriate face mask.

Ensure appropriate PPE is worn when handling and using product.

Do not eat, drink or smoke while handling product. Wash hands thoroughly after use.

7:2 Conditions for safe storage, including any incompatibilities

Store in a cool dry location in original container. Store in a well-ventilated area to avoid fumes.

P405 Store locked up.

Incompatibilities: N/A

Section 8: Exposure Controls and Personal Protection

8:1 Control parameters

The exposure limits for ingredients are listed below

Chemical Name	CAS No.	Exposure Limit	Type	References
Silicon Dioxide/ Fumed silica	7631-86-9	2 mg/m ³	TWA	Safe Work Australia
Distillates (petroleum)	64742-46-7	None Set	N/A	Safe Work Australia

8:2 Exposure controls

Provide adequate ventilation. Observe occupational exposure limits and minimise risk of inhalation & contact with skin & eyes

8:3 Personal protective equipment (PPE)

Wear face respirator mask to avoid breathing fumes

Wear protective gloves

Wear goggles/face shield

Wear protective clothing including boots

The use of barrier cream is recommended

Remove all contaminated PPE carefully to avoid contact with skin or eyes.

Wash contaminated clothing thoroughly before reuse.

Wash skin with soap and water after work

Environmental exposure controls: Not available

Section 9: Physical and Chemical Properties

9:1 Physical and chemical properties

Appearance:	A thick paste (available in many colours) cures to form rigid seal.
Odour:	Slight
Odour threshold:	N/A
Flash point:	150 °C
Flammability limits:	Not Available
Solubility in water:	Insoluble in water
Stability:	Stable
Vapour pressure:	Not Available
Specific gravity:	1.03
Volatile component:	N/A
Auto ignition temp	N/A

Section 10: Stability and Reactivity

10:1 Reactivity

None known

10:2 Chemical stability

Product is stable under normal temperature conditions

10:3 Conditions to avoid

Extreme heat

10:4 Incompatible materials and possible hazardous reactions

Incompatible materials: None Known

Hazardous reactions: N/A

10:5 Hazardous decomposition products

N/A

Section 11: Toxicological Information

11:1 Information and symptoms related to exposure

Acute Toxicity:	Harmful if inhaled
Skin corrosion/irritation:	Repeated or prolonged exposure to skin can cause skin irritation
Serious eye damage/irritation:	Exposure to eyes can cause irritation.
Respiratory & Ingestion	Prolonged exposure may cause coughing or wheezing. Prolonged repeated exposure may cause damage to lungs. Ingestion of product may

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	irritate the gastric tract and cause nausea & vomiting
Germ Cell Mutagenicity:	No data available
Carcinogenicity:	May cause cancer by inhalation.
Reproductive Toxicity:	No data available

Specific Target Organ Toxicity (STOT)	
Single Exposure:	Can cause coughing and irritation to airway
Repeated Exposure:	Repeated exposure over a long period of time may cause coughing and phlegm, shortness of breath and wheezing. Frequent inhalation of fumes over a long period of time increases the risk of developing lung diseases & cancers.
Aspiration Hazard:	No data available

11.2 Numerical measures of toxicity

No data available

11.3 Immediate, delayed or chronic health effects from exposure

Immediate:	Irritation of the skin, eyes & respiratory tract
Delayed:	Allergic skin reaction, skin/eye irritation, coughing wheezing.
Chronic:	Prolonged repeated exposure may cause cancer or other lung diseases

11.4 Exposure levels

Exposure levels:

See section 8:1

11.5 Interactive effects

Inhalation:	Respiratory conditions such as asthma can increase risk of coughing and wheezing.
Skin contact:	Sensitivity of the skin can lead to greater risk of allergic skin reactions

11.6 Data limitations

Data limitations:

N/A

Section 12: Ecological Information

12:1 Ecotoxicity

This product is not expected to be hazardous to the environment

12:2 Degradability

Once cured, this product will form to a hard mass that is non-degradable

12:3 Bio-accumulative potential

No data available

12:4 Mobility in soil

No data available

12:5 Other adverse effects

None known

Section 13: Disposal Considerations

Section 13:1 Safe disposal of product and packaging

P501 Dispose of contents & container waste in accordance with local regulations

Waste is considered hazardous. However cured product is considered non-hazardous.

Do not allow product to enter sewerage system or drains, this will block pipes

Section 14: Transport Information

14:1 UN number:	None allocated
14:2 Proper shipping name:	None allocated
14:3 Transport hazard class:	None allocated
14:4 Packaging group:	None allocated
14:5 Environmental hazards:	N/A
14:6 Special transport precautions:	N/A
14:7 Hazchem code:	N/A

Section 15: Regulatory Information

15:1 Safety, health and environmental regulations specific to the product

N/A

15:2 Poisons schedule number

N/A

Section 16: Other Relevant Information

This SDS has been reviewed 21st May 2025. This SDS will be reviewed every 5 years. The latest version of this SDS will be available for download from <https://actaus.com/> This SDS may change from time to time as new information becomes available or in the case of a change in formulation. This SDS is has been prepared as a new document to bring into line with Globally Harmonized System requirements.

16:2 Abbreviations and acronyms used in this SDS

GHS = Globally Harmonized System

HC - = Hazard Category

CAS = Chemical Abstract Service

N/A = Not Applicable

TWA = Time Weighted Average

USECHH = Use and Standard of Exposure Chemical Hazardous to Health.

STOT = Specific Target Organ Toxicity

STOT SE = Specific Target Organ Toxicity – Single Exposure

STOT RE = Specific Target Organ Toxicity – Repeated Exposure

mg/m³ = milligram per cubic metre

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Updated 10/05/2023

This SDS has been prepared using information provided by the manufacturers of the ingredients contained in this product. This product is a mixture of ingredients.

.... END OF SDS

This SDS has been developed in accordance to Work Safe Australia/NOHSC guidelines