

**Section 1 - Identification of The Material and Supplier****Simseal**

PO Box 5280 Daisy Hill 4127 QLD

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1300 SILICONE

**Chemical nature:** Blend of silicone derivatives and other minor ingredients.  
**Trade Name:** **SS100 100% Neutral Sanitary Sealant**  
**Product Use:** Sanitary grade neutral curing Silicone sealant.  
**Creation Date:** **February, 2011**  
**This version issued:** **November, 2024** and is valid for 5 years from this date.  
**Poisons Information Centre:** Phone 13 11 26 from anywhere in Australia

**Section 2 - Hazards Identification****Statement of Hazardous Nature**

H317 - May cause an allergic skin reaction. GHS07

**SUSMP Classification:** None allocated.**ADG Classification:** None allocated. Not a Dangerous Good under the ADG Code.**UN Number:** None allocated**GHS Signal word: Warning****PREVENTION**

P102: Keep out of reach of children.

: P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

**RESPONSE**

P321 - Specific treatment (see supplemental first aid instruction on this label).

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

**STORAGE**

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

**DISPOSAL**

P501: If product can not be recycled, consider controlled incineration, or contact a specialist waste disposal company (see Section 13 of this SDS).

**Emergency Overview****Physical Description & colour:** White paste.**Odour:** Oxime odour.**Major Health Hazards:** no significant risk factors have been found for this product.**Section 3 - Composition/Information on Ingredients**

Ingredients	CAS No	Conc,%	TWA (mg/m <sup>3</sup> )	STEL (mg/m <sup>3</sup> )
BUTAN-2-ONE O,O',O"- (METHYLSILYLIDYNE)TRIOXIME	22984-54-9	1 – 10	not set	not set
BUTAN-2-ONE O,O',O"- (VINYLIDYNE)TRIOXIME	2224-33-1	0.1 – 1	not set	not set
N-(3-(TRIMETHOXSILYL)PROPYL)ETHYLENEDIAMINE	1760-24-3	0.1 – 1	not set	not set

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### Section 4 - First Aid Measures

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**General Information:**

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

**Inhalation:** Remove person to fresh air and keep comfortable for breathing.

**Skin Contact:** Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

**Eye Contact:** Rinse eyes with water as a precaution.

**Ingestion:** Call a poison center or a doctor if you feel unwell.

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### Section 5 - Fire Fighting Measures

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**Fire and Explosion Hazards:** There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Violent steam generation or eruption may occur upon application of direct water stream on hot liquids.

**Fire decomposition:** Toxic fumes may be released.

**Extinguishing Media:** Water spray. Dry powder. Foam.

**Fire Fighting:** If a significant quantity of this product is involved in a fire, call the fire brigade.

**Flash point:** No data.

**Upper Flammability Limit:** No data.

**Lower Flammability Limit:** No data.

**Autoignition temperature:** No data.

**Flammability Class :** No data.

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### Section 6 - Accidental Release Measures

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**Accidental release:** Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

**Avoid release to the environment.**

**Methods for cleaning up:** Mechanically recover the product. Dispose of materials or solid residues at an authorized site.

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### Section 7 - Handling and Storage

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**Handling:** Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear personal protective equipment. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

**Storage:** Store packages of this product in a cool place. Make sure that containers of this product are kept tightly closed. Keep containers dry and away from water. Keep containers of this product in a well ventilated area. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Check packaging - there may be further storage instructions on the label.

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**Section 8 - Exposure Controls and Personal Protection**

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The following Australian Standards will provide general advice regarding safety clothing and equipment: Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

**SWA Exposure Limits**                      **TWA (mg/m<sup>3</sup>) STEL (mg/m<sup>3</sup>)**  
SILICA, AMORPHOUS (7631-86-9)        ≈ 6 mg/m<sup>3</sup>

**Ventilation:** Ensure good ventilation of the work station.

**Eye Protection:** Protective glasses or goggles should be worn when this product is being used. Failure to protect your eyes may cause them harm.

**Skin Protection:** You should avoid contact even with mild skin irritants. Therefore you should wear suitable impervious elbow-length gloves and facial protection when handling this product. See below for suitable material types.

**Protective Material Types:** There is no specific recommendation for any particular protective material type.

**Respirator:** In case of insufficient ventilation, wear suitable respiratory equipment.

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**Section 9 - Physical and Chemical Properties:**

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<b>Physical Description &amp; colour:</b>	Solid, paste.
<b>Odour:</b>	Characteristic odour.
<b>Boiling Point:</b>	No specific data.
<b>Freezing/Melting Point:</b>	No specific data. Solid at normal temperatures.
<b>Volatiles:</b>	No data.
<b>Vapour Pressure:</b>	No data.
<b>Vapour Density:</b>	No data.
<b>Specific Gravity:</b>	≈ 1.00
<b>Water Solubility:</b>	Insoluble.
<b>pH:</b>	No data.
<b>Volatility:</b>	No data.
<b>Odour Threshold:</b>	No data.
<b>Evaporation Rate:</b>	No data.
<b>Coeff Oil/water distribution:</b>	No data
<b>Autoignition temp:</b>	No data. ≈
<b>VOC</b>	31.11 g/l

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**Section 10 - Stability and Reactivity**

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**Reactivity:** The product is non-reactive under normal conditions of use, storage and transport.

**Conditions to Avoid:** None under recommended storage and handling conditions (see section 7)

**Incompatibilities:** No additional information available

**Fire Decomposition:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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**Section 11 - Toxicological Information**

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**BUTAN-2-ONE O,O',O''-(METHYLSILYLIDYNE)TRIOXIME (22984-54-9)**

LD50 oral ≈ 2453 mg/kg  
LD50 dermal > 2000 mg/kg

**BUTAN-2-ONE O,O',O''-(VINYLIDYNE)TRIOXIME (2224-33-1)**

LD50 oral > 2000 mg/kg  
LD50 dermal ≈ 2009 mg/kg

**N-(3-(TRIMETHOXSILYL)PROPYL)ETHYLENEDIAMINE (1760-24-3)**

LD50 oral 2295 mg/kg  
LD50 dermal 2000 mg/kg  
Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitization : May cause an allergic skin reaction.

**N-(3-(TRIMETHOXSILYL)PROPYL)ETHYLENEDIAMINE (1760-24-3)**

STOT-single exposure May cause respiratory irritation.  
STOT-repeated exposure Not classified

**BUTAN-2-ONE O,O',O''-(METHYLSILYLIDYNE)TRIOXIME (22984-54-9)**

STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure.

**BUTAN-2-ONE O,O',O''-(VINYLIDYNE)TRIOXIME (2224-33-1)**

STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure.  
Aspiration hazard Not classified

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**Section 12 - Ecological Information**

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**Ecology - general** : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

**Hazardous to the aquatic environment, short-term (acute)** : Not classified

**Hazardous to the aquatic environment, long-term (chronic)** : Not classified

Not rapidly degradable

**BUTAN-2-ONE O,O',O''-(METHYLSILYLIDYNE)TRIOXIME (22984-54-9)**

LC50 972.34 mg/l  
EC50 231.84 mg/l

**BUTAN-2-ONE O,O',O''-(VINYLIDYNE)TRIOXIME (2224-33-1)**

LC50 1011 mg/l  
EC50 201 mg/l

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**Section 13 - Disposal Considerations**

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**Waste treatment methods** : Dispose of contents/container in accordance with licensed collector's sorting instructions.

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**Section 14 - Transport Information**

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**UN Number**: This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

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**Section 15 - Regulatory Information**

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**AICS**: All of the significant ingredients in this formulation are compliant with NICNAS regulations.

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**Section 16 - Other Information**

This SDS contains only safety-related information. For other data see product literature.

**Acronyms:**

<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th Edition
<b>AICS</b>	Australian Inventory of Chemical Substances
<b>SWA</b>	Safe Work Australia, formerly ASCC and NOHSC
<b>CAS number</b>	Chemical Abstracts Service Registry Number
<b>Hazchem Code</b>	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
<b>IARC</b>	International Agency for Research on Cancer
<b>NOS</b>	Not otherwise specified
<b>NTP</b>	National Toxicology Program (USA)
<b>R-Phrase</b>	Risk Phrase
<b>SUSMP</b>	Standard for the Uniform Scheduling of Medicines & Poisons
<b>UN Number</b>	United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

**Guarantee/Warranty:**

We warrant our products to be free of defects and manufactured to rigid quality control specification. As it is impossible to control the use and application of the products, the company's liability is limited to replacing such quantities of product as are proven to be defective. The company disclaims any claims for caused by discolouration or yellowing due to vapour or chemicals caused by painting or chemicals to cause reaction to the product or labour resulting from the use of the product. No responsibility is assumed for consequential damages arising from the use of the product. All other warranties including (merchantability or fitness for a particular purpose) are excluded. No representative of the company is authorised to grant any warranty or waive this limitation of liability. All claims concerning product defects must be made within twelve months of shipment. Absence of such claim in writing during this period will constitute a waiver of all such claims with respect to such product.

**Warning**

Although the technical details and recommendations contained in the product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason,, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application, In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

We recommend that adequate tests be made in your laboratory or plant to determine if this product meets all your requirements.

**Legal Notice**

The contents of this SDS may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the SDS in force at the time of the Simseal product installation. The most up-to-date TDS & SDS can be downloaded from our website [www.simseal.com.au](http://www.simseal.com.au)

Any alteration to the wording or requirements contained or derived from this SDS excludes the responsibility of Simseal.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (December 2011) Copyright © Kilford & Kilford Pty Ltd, January, 2021.

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