

Section 1 - Identification of The Material and Supplier

Simseal

PO Box 5280 Daisy Hill 4127 QLD

info@simseal.com.au

1300 SILICONE

Chemical nature: Mixture
Trade Name: Ultimate Bond Breaker Silicone Sealant
Product Use: Silicone Sealant
Creation Date: April, 2023
This version issued: April, 2023
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
H412 - Harmful to aquatic life with long lasting effects

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

P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read carefully and follow all instructions.
P261 - Avoid breathing dust, fume, gas, mist, spray, vapours.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.

RESPONSE

P337: If eye irritation persists: seek medical attention. P352: Wash with plenty of soap and water.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P370+P378: Not combustible. Use extinguishing media suited to burning materials.

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: Paste - supplied in various colours.**Odour:** Characteristic odour.**Major Health Hazards:** no significant risk factors have been found for this product.

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc, %
BUTAN-2-ONE O,O',O''-(METHYLSILYLIDYNE)TRIOXIME	22984-54-9	1 – 10
BUTAN-2-ONE O,O',O''-(VINYLIDYNE)TRIOXIME	2224-33-1	0.1 – 1
N-(3-(TRIMETHOXYSILYL)PROPYL)ETHYLENEDIAMINE	1760-24-3	0.1 – 1

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no

Section 4 - First Aid Measures

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.

First-aid measures after inhalation :	Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact :	Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs - get medical advice/attention.
First-aid measures after eye contact :	Rinse eyes with water as a precaution.
First-aid measures after ingestion :	Call a poison center or a doctor if you feel unwell.

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards: This product is classified as a C1 combustible product. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

No fire decomposition products are expected from this product at temperatures normally achieved in a fire.

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.

Section 6 - Accidental Release Measures

Emergency procedures :

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

For emergency responders :

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Avoid release to the environment.

Methods for cleaning up : Mechanically recover the product.

Other information : Dispose of materials or solid residues at an authorized site.

Section 7 - Handling and Storage

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage: : Store in a well-ventilated place. Keep cool.

Section 8 - Exposure Controls and Personal Protection

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/m³)	STEL (mg/m³)
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Exposure limits have not been established by SWA for this product.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular without proper containment systems.

Ventilation:	Ensure good ventilation of the work station.
Eye Protection:	Safety glasses
Skin Protection:	Wear suitable protective clothing
Respirator:	In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls : Avoid release to the environment.

Section 9 - Physical and Chemical Properties:

Physical Description & colour:	Solid Paste
Odour:	Characteristic odour.
Boiling Point:	No data.
Freezing/Melting Point:	No data.
Volatiles:	No data.
Vapour Pressure:	No data.
Relative Density:	≈ 1.02
Specific Gravity:	No data.
Water Solubility:	insoluble in water
pH:	No data.
Volatility:	No data.
Odour Threshold:	No data.
Evaporation Rate:	No data.
Coeff Oil/water Distribution:	No data
Autoignition temp:	No data.
VOC:	≈ 43.68 g/l

Section 10 - Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid: None known.

Incompatibilities: No particular Incompatibilities.

Fire Decomposition: No significant quantities of decomposition products are expected at temperatures normally achieved in a fire. No dangerous decomposition products known.

Polymerisation: This product will not undergo polymerisation reactions.

Section 11 - Toxicological Information

Local Effects:

Target Organs: There is no data to hand indicating any particular target organs.

Classification of Hazardous Ingredients

Ingredient Risk Phrases

No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations.

N-(3-(TRIMETHOXYSILYL)PROPYL)ETHYLENEDIAMINE (1760-24-3)

LD50 Oral 2295 mg/kg

LD50 Dermal 2000 mg/kg

STOT- single exposure May cause respiratory irritation.

BUTAN-2-ONE O,O',O''-(VINYL-SILYLIDYNE)TRIOXIME (2224-33-1)

LD50 Oral > 2000 mg/kg

LD50 Dermal ≈ 2009 mg/kg

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

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

LD50 Oral ≈ 2453 mg/kg

LD50 Dermal > 2000 mg/kg

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

Skin corrosion/irritation : Not classified**Serious eye damage/irritation :** Not classified**Respiratory or skin sensitisation :** May cause an allergic skin reaction.

Section 12 - Ecological Information

Ecology - general : Harmful to aquatic life with long lasting effects.**Hazardous to the aquatic environment, short-term:** Not classified
(acute)**Hazardous to the aquatic environment, long-term:** Harmful to aquatic life with long lasting effects.
(chronic)**Classification procedure:** Calculation method

Section 13 - Disposal Considerations

Disposal: Dispose of contents/container in accordance with licensed collector's sorting instructions.

Section 14 - Transport Information

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.

Section 15 - Regulatory Information

AICS: This product is believed to be compliant with NICNAS regulations.

Section 16 - Other Information

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

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 th edition)
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program (USA)

R-Phrase
SUSMP
UN NumberRisk Phrase
Standard for the Uniform Scheduling of Medicines & Poisons
United Nations Number

H225	Highly flammable liquid and vapour
H301	Toxic if swallowed
H311	Toxic in contact with skin
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H331	Toxic if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H341	Suspected of causing genetic defects
H350	May cause cancer
H361	Suspected of damaging fertility or the unborn child
H370	Causes damage to organs
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

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.

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)