

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

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1300 SILICONE

Chemical nature: Mixture
Trade Name: Simclear MS Clear Sealant
Product Use: Sealant
Creation Date: 1 March 2023
This version issued: 1 March 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

H319 - Causes serious eye irritation

H412 - Harmful to aquatic life with long lasting effects

SUSMP Classification: None allocated.**ADG Classification:** None allocated.**UN Number:** None allocated**GHS Signal word: Warning**

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H412 - Harmful to aquatic life with long lasting effects.

Emergency Overview**Physical Description & Colour:** Clear Paste**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,%
N-(3-(TRIMETHOXSILYL)PROPYL)ETHYLENEDIAMINE	1760-24-3	1 – 10
TRIMETHOXYVINYL SILANE	2768-02-7	1 – 10
BIS(2,2,6,6-TETRAMETHYL-4-PIPERIDYL)SEBACATE	52829-07-9	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 longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

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.

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 cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

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

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards: -

Hazardous decomposition products in case of fire : 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: -

Upper Flammability Limit: No data.

Lower Flammability Limit: No data.

Autoignition temperature: No data.

Flammability Class: -

Section 6 - Accidental Release Measures

Emergency procedures :

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

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:

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.

Hygiene measures :

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 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)**

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: In case of insufficient ventilation, wear suitable respiratory equipment

Eye Protection: Safety glasses

Skin Protection: Wear suitable protective clothing

Protective Material Types: There is no data that enables us to recommend any type except that it should be impermeable.

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

Section 9 - Physical and Chemical Properties:

Physical Description & colour:	Solid, Paster Clear
Odour:	Characteristic odour.
Boiling Point:	No data.
Freezing/Melting Point:	No data.
Volatiles:	No data.
Vapour Pressure:	No data.
Relative Density:	≈ 1.04
Specific Gravity:	No data.
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:	≈ 30 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

TRIMETHOXYVINYL SILANE (2768-02-7)

Skin corrosion/irritation :	Not classified
Serious eye damage/irritation :	Causes serious eye irritation.
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: (acute)	Not classified
Hazardous to the aquatic environment, long-term: (chronic)	Harmful to aquatic life with long lasting effects.
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	Risk Phrase
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H226	Flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
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)