

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

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1300 SILICONE

Chemical nature: Adhesives, sealants
Trade Name: **Simflex Multibond**
Product Use: Professional use
Creation Date: **November 9th, 2022**
This version issued: **November, 2022** 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**

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice

SUSMP Classification:**ADG Classification:****UN Number:****GHS Signal word:****PREVENTION**

P102: Keep out of reach of children.

P262: Do not get in eyes, on skin, or on clothing.

P281: Use personal protective equipment as required.

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: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

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

Ingredients	CAS No	Conc, %
TRIMETHOXYVINYL SILANE	2768-02-7	0.1 – 1
N-(3-(TRIMETHOXY SILYL) PROPYL) ETHYLENEDIAMINE	1760-24-3	0.1 – 1
DIBUTYLBIS(PENTANE-2,4-DIONATO,O,O') TIN	22673-19-4	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.

Eye Contact: Rinse eyes with water as a precaution

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

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards: There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

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.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

Section 6 - Accidental Release Measures

Emergency procedures : Ventilate spillage area

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

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Storage conditions : 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**.

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

Environmental exposure controls : Avoid release to the environment.

Hand protection : Protective gloves

Eye protection : Safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

Section 9 - Physical and Chemical Properties:

Physical Description & colour:	Solid, paste
Odour:	Odourless
Boiling Point:	No specific data.
Freezing/Melting Point:	No specific data. Solid at normal temperatures.
Volatiles:	No data.
Vapour Pressure:	No data.
Vapour Density:	No data.
Specific Gravity:	No data.
Water Solubility:	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.
Relative density:	≈ 1.58
Explosive limits:	Not applicable
VOC content :	< 10 g/l

Section 10 - Stability and Reactivity

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

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

Section 11 - Toxicological Information

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

LD50 oral 2295 mg/kg

LD50 dermal 2000 mg/kg

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

STOT-single exposure May cause respiratory irritation.

STOT-repeated exposure Not classified

DIBUTYLBIS(PENTANE-2,4-DIONATO-O,O')TIN (22673-19-4)

STOT-repeated exposure Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard Not classified

Section 12 - Ecological Information

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

Section 13 - Disposal Considerations

Waste treatment methods : 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

No additional information available

Section 16 - Other Information

H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H301	Toxic if swallowed
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H330	Fatal if inhaled
H331	Toxic if inhaled
H332	Harmful if inhaled
H335	May cause respiratory irritation
H360	May damage fertility or the unborn child
H370	Causes damage to organs
H372	Causes damage to organs through prolonged or repeated exposure
H411	Toxic to aquatic life with long lasting effects
H413	May cause long lasting harmful effects to aquatic life

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

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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