



Good bonds last.

## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product: SabreSeal TK Silicone Sealant  
Product Use: Sealants  
Restriction of Use: Refer to Section 15

**New Zealand Supplier:** Sabre Adhesives Ltd  
Address: 42 Cambridge Street South  
Levin, 5510, New Zealand  
Telephone: +64 (0)6 366 0007  
**Emergency No:** **0800 764 766 (National Poison Centre)**

**Australian Supplier:** Sabre Adhesives Ltd  
Address: Level 6, 10 Herb Elliot Avenue, Sydney NSW, 2127  
Telephone No: +61 2 9098 8244  
**Emergency No:** **13 11 26 (National Poison Line)**

Date SDS Issued: 24 October 2023

### Section 2. Hazards Identification

#### Australia:

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

#### New Zealand:

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

**NZ - EPA Approval Code:** Construction Products (Carcinogenic) - HSR002545

#### Pictograms



**SIGNAL WORD: Warning**

GHS Category	Hazard Code	Hazard Statement
Carcinogenicity Cat. 2	H351	Suspected of causing cancer.

#### Prevention Code Prevention Statement

P103	Read carefully and follow all instructions.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P281	Use personal protective equipment as required.

**Response Code      Response Statement**

P308 + P313	IF exposed or concerned: Get medical advice/ attention.
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**Storage Code      Storage Statement**

P405	Store locked up.
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**Disposal Code      Disposal Statement**

P501	Dispose of according to the local authorities
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**Section 3.      Composition of hazardous Ingredients**

Ingredients	Wt%	CAS NUMBER.
Methyl-O,O',O"-butan-2-on-trioxim-silane	<4	22984-54-9
2-Butanone oxime	<2	96-29-7
3-(2-Aminoethylamino)propyl trimethoxysilane	<1	1760-24-3
Tris(ethylmethylketoximato)vinylsilane	<0.3 - <0.4	2224-33-1

**Section 4.      First Aid Measures**

Routes of Exposure:

If in Eyes	Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice.
If on Skin	Rinse skin with water/shower. If skin irritation occurs: Get medical advice/ attention.
If Swallowed	Rinse mouth thoroughly with water. Give plenty of water to drink. Never give anything by mouth to an unconscious person. Call a POISON CENTER or doctor/physician if you feel unwell.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

**Most important symptoms and effects, both acute and delayed**

Symptoms:      Suspected of causing cancer.

Notes to Doctor:      Product causes cancer. In the event of prolonged contact with the substance, long-term monitoring of relevant parameters is advisable. Further toxicology information in section 11 must be observed.

**Section 5.      Fire Fighting Measures**

<b>Hazard Type</b>	Non Flammable
<b>Hazards from products</b>	Risk of hazardous gases or fumes in the event of fire. Exposure to combustion products may be a health hazard! Hazardous combustion products: toxic and very toxic fumes .
<b>Suitable Extinguishing media</b>	Alcohol-resistant foam, carbon dioxide, water mist, sprinkler system, sand, extinguishing powder. Do not use water jet.
<b>Precautions for firefighters and special protective</b>	Use respiratory protection independent of recirculated air. Keep unprotected persons away.

<b>clothing</b>	
<b>HAZCHEM CODE</b>	<b>None allocated.</b>

<b>Section 6.</b>	<b>Accidental Release Measures</b>
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Secure the area. Wear personal protection equipment (see section 8). Keep unprotected persons away. Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. If material is released indicate risk of slipping. Do not walk through spilled material. Exhaust vapours.

Prevent material from entering surface waters, drains or sewers and soil. Close leak if possible without risk. Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers. Inform authorities if substance leaks into surface waters, sewerage or ground.

Scoop up large quantities after dusting surfaces with sand or Fuller's earth to prevent sticking. Sweep or scrape up the spilled material and place in an appropriate chemical waste container. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. Apply sand or other inert granular material to improve traction.

<b>Section 7.</b>	<b>Handling and Storage</b>
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**Handling:**

- Read carefully and follow all instructions.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Use personal protective equipment as required.
- Ensure adequate ventilation. Must be syphoned off in situ.

**Storage:**

- Store away from incompatible materials listed in Section 10.
- Store in a dry and cool place.
- Protect against moisture.
- Store container in a well ventilated place.

<b>Section 8</b>	<b>Exposure Controls / Personal Protection</b>
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**WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

<b>Substance</b>	<b>TWA</b>		<b>STEL</b>	
	<b>ppm</b>	<b>mg/m<sup>3</sup></b>	<b>ppm</b>	<b>mg/m<sup>3</sup></b>

No ingredients have exposure limits

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 13<sup>TH</sup> EDITION.

**Engineering Controls**

Ensure adequate ventilation.

**Personal Protection Equipment:**



<b>Eyes</b>	Tight fitting protective goggles .
<b>Hands</b>	Protective gloves are required at all times when handling the material, according to recognized standards such as EN374. Recommended glove types: Protective gloves made of butyl rubber thickness of the material: > 0,3 mm Breakthrough time: > 480 min Recommended glove types: Protective gloves made of nitrile rubber thickness of the material: > 0,2 mm Breakthrough time: 30 - 60 min
<b>Skin</b>	Wear protective clothing.
<b>Respiratory</b>	If inhalation exposure above the occupational exposure limit cannot be excluded, adequate respiratory protection equipment must be used. Suitable respiratory equipment: Respirator with a full face mask, according to acknowledged standards such as EN 136. Recommended Filter type: Gas filter type ABEK (certain inorganic, organic and acidic gases and vapors; ammonia/amines), according to acknowledged standards such as EN 14387 Observe the equipment manufacturer's information and wear time limits for respirators.

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	White Liquid Paste
<b>Odour</b>	Organic
<b>Odour Threshold</b>	Not available.
<b>pH</b>	Not applicable. Reacts with water.
<b>Boiling Point</b>	Not available.
<b>Melting Point / Freezing Point</b>	Not available.
<b>Freezing Point</b>	Not available.
<b>Flash Point</b>	Not available.
<b>Flammability</b>	Not available.
<b>Upper and Lower Explosive Limits</b>	Not available.
<b>Vapour Pressure</b>	Not available.
<b>Density</b>	1,35 - 1,39 (23 °C)
<b>Relative Density (water @ 4°C=1)</b>	1,35 - 1,39 (23 °C)
<b>Solubility in water</b>	Not available.
<b>Partition Coefficient:</b>	Not available.
<b>Auto-ignition Temperature</b>	Not available.
<b>Viscosity (dynamic)</b>	150000 - 250000 mPa.s
<b>VOC</b>	Not available.
<b>Particle Characteristics</b>	Not available.
<b>Evaporation Rate</b>	Not available.

## Section 10. Stability and Reactivity

<b>Stability of Substance</b>	Stable at normal ambient temperatures and when used as recommended.
<b>Reactivity</b>	If stored and handled in accordance with standard industrial practices no hazardous reactions are known.
<b>Conditions to Avoid</b>	Moisture.
<b>Incompatible Materials</b>	None known.
<b>Hazardous Decomposition Products</b>	2-Butanone oxime by hydrolysis. Measurements have shown the formation of small amounts of formaldehyde at temperatures

	above about 150 °C (302 °F) through oxidation.
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<b>Section 11</b>	<b>Toxicological Information</b>
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**Acute Effects:**

<b>Swallowed</b>	Not applicable. LD50 > 2009 mg/kg
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Not applicable.
<b>Skin</b>	Not applicable.

**Chronic Effects:**

<b>Carcinogenicity</b>	Suspected of causing cancer.
<b>Reproductive Toxicity</b>	Not applicable.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Not applicable.

<b>Section 12. Ecotoxicological Information</b>
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Not hazardous to the environment.

<b>Persistence and degradability</b>	Polymer component: biologically not degradable. Elimination by adsorption to activated sludge.
<b>Bioaccumulative</b>	Polymer component: No adverse effects expected.
<b>Mobility in soil</b>	Polymer component: insoluble in water.
<b>Other adverse effects</b>	None known.

<b>Section 13. Disposal Considerations</b>
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**Disposal Method:**

Material that cannot be used, reprocessed or recycled should be disposed of in accordance with Federal, State, and local regulations at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration. Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

**Precautions and methods to avoid:**

None known.

<b>Section 14</b>	<b>Transport Information</b>
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**This product is NOT classified as a Dangerous Good for transport in Australia; ADG 7  
This product is NOT classified as a Dangerous Good for transport: NZS 5433:2020 and  
SNZ HB 5433:2021**

<b>Section 15</b>	<b>Regulatory Information</b>
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**Australia:**

Classified as Hazardous according to the Globally Harmonised System of Classification

Product Name: Sabre Seal TK Silicone Sealant  
Date of SDS: 24 October 2023

SDS Prepared by: Technical Compliance Consultants (NZ) Ltd  
Tel: +64 9 475 5240 WWW.techcomp.co.nz

and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

Poison Schedule No: Not Scheduled

#### **New Zealand:**

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: Construction Products (Carcinogenic) - HSR002545

#### **Controls in New Zealand:**

Trigger quantities for this substance:

<b>HSW (HS) Regulations 2017 and EPA Notices</b>	<b>Trigger Quantity</b>
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	Not required
Emergency Response Plan	10 000L
Secondary Containment	10 000L
Restriction of Use	Only use for the intended purpose.

### **Section 16 Other Information**

#### **Glossary**

EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

#### **References:**

##### **Australia:**

1. Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
2. Standard for the Uniform Scheduling of Medicines and Poisons.
3. Australian Code for the Transport of Dangerous Goods by Road & Rail.
4. Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
5. Workplace exposure standards for airborne contaminants, Safe work Australia.
6. American Conference of Industrial Hygienists (ACGIH).
7. Globally Harmonised System of classification and labelling of chemicals.

##### **New Zealand:**

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).

4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

#### Disclaimer

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Please contact the Australian Manufacturer or New Zealand distributor, if further information is required.

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