



Good bonds last.

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: SabreSeal NC45 Façade Silicone
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.

Storage Code	Storage Statement
P405	Store locked up.

Disposal Code	Disposal Statement
P501	Dispose of according to the local authorities

Section 3. Composition of hazardous Ingredients
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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
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Hazard Type	Non Flammable
Hazards from products	Risk of hazardous gasses or fumes in the event of fire. Exposure to combustion products may be a health hazard! Hazardous combustion products: toxic and very toxic fumes .
Suitable Extinguishing media	Alcohol-resistant foam, carbon dioxide, water mist, sprinkler system, sand, extinguishing powder. Do not use water jet.
Precautions for firefighters and special protective	Use respiratory protection independent of recirculated air. Keep unprotected persons away.

clothing	
HAZCHEM CODE	None allocated.

Section 6. Accidental Release Measures

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.

Section 7. Handling and Storage
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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.

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

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³

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 13TH EDITION.

Engineering Controls

Ensure adequate ventilation.

Personal Protection Equipment:



Eyes	Tight fitting protective goggles .
Hands	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
Skin	Wear protective clothing.
Respiratory	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

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

Section 10. Stability and Reactivity

Stability of Substance	Stable at normal ambient temperatures and when used as recommended.
Reactivity	If stored and handled in accordance with standard industrial practices no hazardous reactions are known.
Conditions to Avoid	Moisture.
Incompatible Materials	None known.
Hazardous Decomposition Products	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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Section 11	Toxicological Information
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Acute Effects:

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

Chronic Effects:

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

Section 12. Ecotoxicological Information

Not hazardous to the environment.

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

Section 13. Disposal Considerations
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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.

Section 14	Transport Information
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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**

Section 15	Regulatory Information
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Australia:

Classified as Hazardous according to the Globally Harmonised System of Classification

Product Name: SabreSeal NC45 Facade Silicone
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:

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
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 ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	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

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC (NZ) Ltd accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

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

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