



Good bonds last.

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **SabreSeal FRA +**
Product Use: Sealant
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: 2 December 2024

Section 2. Hazards Identification

Australia:
NOT 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 NOT hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

WARNING:
IF THIS PRODUCT IN ITS FINISHED FORM IS SANDED, CUT OR DRILLED MAY PRODUCE FINE POWDER THAT IF INHALED IS SUSPECTED OF CAUSING CANCER AND MAY CAUSE DAMAGE TO ORGANS THROUGH REPEATED OR PROLONGED EXPOSURE.

Section 3. Composition of hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Diantimony trioxide	5-10	1309-64-4
Calcium Carbonate	25-30	1317-65-3
Non hazardous ingredients	To 100	

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes Rinse cautiously with water for several minutes. Seek medical attention if needed.

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

If on Skin	Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.
If Swallowed	Rinse mouth thoroughly with water. 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: None known.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable.
Hazards from products	Fumes from complete or incomplete combustion of this material may include carbon dioxide carbon monoxide.
Suitable Extinguishing media	Use dry chemical fire, foam or water spray. On small fires use carbon dioxide, dry chemicals or water spray. With water cooling exposed container fire.
Precautions for firefighters and special protective clothing	When extinguishing fires caused by chemical substances, they should wear self-contained breathing apparatus and protective clothing. According to local emergency plans, to decide whether to evacuate or isolate the area. Watering the cooling disaster.
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

Wear protective clothing as described in Section 8. Ventilate spillage area. Avoid contact with eyes and skin.

Do not allow to enter watercourses.

Collect the leaked product into a suitable container. Absorb the remainder with inert absorbent material. Contaminated material should be disposed of as per Section 13.

Section 7. Handling and Storage

Handling:

- Do not enter confined spaces such as tanks without following proper entry procedures as described in OSHA regulations at 29 CFR 1910.146.
- Do not breathe vapors.
- The use of respiratory protection is recommended when airborne concentrations of vapor exceed exposure guidelines.
- Wash thoroughly after handling.
- Do not wear contaminated clothing or shoes.
- Wear appropriate protective gloves and clothing to prevent prolonged or repeated skin contact. Avoid contact with eyes.

Storage:

- Store away from incompatible materials listed in Section 10.
- Keep containers tightly closed.

- Use and store this material in a cool, dry, well-ventilated area away from heat, direct sunlight, hot metal surfaces, and all sources of ignition.
- Store only in approved containers.
- Protect containers against physical damage.

Section 8 Exposure Controls / Personal Protection

Exposure Limit Values:

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance		TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
Limestone (Calcium carbonate)	[1317-65-3]	-	10	-	-
Antimony trioxide	[1309-64-4]	-	0.1	-	-

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 NOV 2023 14TH EDITION.

Engineering Controls

The use of local exhaust ventilation is recommended. Provide mechanical ventilation of confined spaces.

Personal Protection Equipment

Eyes	Approved chemical splash goggles should be worn to safeguard against potential eye contact, irritation or injury. Where splashing is likely to occur, hard hats and face shields may be used to provide additional protection. Eye wash facilities should be available in the work area.
Hands	The use of gloves impermeable to the specific material handled is advised to prevent prolonged or repeated skin contact. Where splashing is likely to occur, aprons impermeable to the specific material may be worn. Refer to the glove and protective clothing manufacturer's selection guide for appropriate material.
Skin	Wear category II professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.
Respiratory	Specific respiratory protection is not necessary when the adhesive is used as recommended. If in doubt, seek the advice of an industrial hygienist or safety professional for appropriate respiratory equipment.

Section 9 Physical and Chemical Properties

Appearance	White Cream
Odour	Low odour
Odour Threshold	Not available
pH	Not available
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	Not available
Flammability	Not Flammable

Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Relative Density	1.58 g/cm ³
Solubility in water	Soluble
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Viscosity - Dynamic	Not available
Molecular weight	Not available
Volatile Compound	Not available

Section 10. Stability and Reactivity

Stability of Substance	The product is stable in normal conditions of use and storage.
Reactivity	No data available.
Conditions to Avoid	None known.
Incompatible Materials	Fire, Heat, Strong oxidants, Strong reducing agents.
Hazardous Decomposition Products	None known.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Not applicable.
Skin	Not applicable.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

WARNING:

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Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

Persistence and degradability	No data available on product
Bioaccumulative	No data available on product

Mobility in soil	No data available on product
Other adverse effects	No data available on product

Section 13. Disposal Considerations

Disposal Method:

Ensure containers are empty before discarding. Recycle where possible. Dispose as per Local Regulations.

Precautions and methods to avoid: None known.

Section 14 Transport Information

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 in NZ ; NZS 5433:2020 and SNZ HB 5433:2021

Section 15 Regulatory Information

Australia:

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

Poison Schedule No: Not scheduled

New Zealand:

This substance is NOT hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

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 Nov 2023 14th 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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