



## 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.

Product Name: **SabreSeal FRA +**  
Date of SDS: 2 December 2024

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**

<b>Hazard Type</b>	Non Flammable.
<b>Hazards from products</b>	Fumes from complete or incomplete combustion of this material may include carbon dioxide carbon monoxide.
<b>Suitable Extinguishing media</b>	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.
<b>Precautions for firefighters and special protective clothing</b>	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.
<b>HAZCHEM CODE</b>	<b>None allocated</b>

## **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 <sup>3</sup>	ppm	mg/m <sup>3</sup>
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 14<sup>TH</sup> EDITION.

### Engineering Controls

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

### Personal Protection Equipment

<b>Eyes</b>	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.
<b>Hands</b>	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.
<b>Skin</b>	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.
<b>Respiratory</b>	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

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

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

## Section 10. Stability and Reactivity

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

## Section 11 Toxicological Information

### Acute Effects:

<b>Swallowed</b>	Not applicable.
<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>	Not applicable.
<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.

### **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 12. Ecotoxicological Information

This product is not hazardous to the environment.

<b>Persistence and degradability</b>	No data available on product
<b>Bioaccumulative</b>	No data available on product

<b>Mobility in soil</b>	No data available on product
<b>Other adverse effects</b>	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 <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 Nov 2023 14<sup>th</sup> 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

The information herein is given in good faith, but no warranty, express or implied is made.

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

Issue Date: 2 December 2024

Review Date: 2 December 2029