



Good bonds last.

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: SabreSeal CR
Product Use: Adhesive/Sealant
Restrictions of use: Refer to Section 15

New Zealand Supplier: Sabre Adhesives Ltd
Address: 40-42 Cambridge Street
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: 29 July 2021

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: Surface Coatings and Colourants (subsidiary) - HSR002670

Pictograms



SIGNAL WORD: Warning

GHS Classification and Category	Hazard Code	Hazard Statement
Skin sensitisation Cat. 1	H317	May cause an allergic skin reaction.
Eye irritation Cat. 2	H319	Causes serious eye irritation.

Prevention Code Prevention Statement

P103	Read label before use.
P261	Avoid breathing dust, fumes, gas, mist, vapours or spray.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.

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P280	Wear protective clothing as detailed in Section 8.
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Response Code Response Statement

P363	Wash contaminated clothing before reuse.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313	If skin irritation or rash occurs: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Storage Code Storage Statement

None allocated	
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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.
Silica, Amorphous	≥ 1 - <10	7631-86-9
Butan-2-One O,O',O"- (Methylsilyldyne)Trioxime	≥ 1 - <10	22984-54-9
Butan-2-One O,O',O"- (Vinylsilyldyne)Trioxime	≥ 0.1 - <1	2224-33-1
N-(3- (Trimethoxysilyl)Propyl)Ethylenediamine	≥ 0.1 - <1	1760-24-3

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
If on Skin	Take off contaminated clothing and shoes immediately and wash before reuse. Wash off with soap and plenty of water. If symptoms persist, call a physician.
If Swallowed	Rinse mouth. Never give anything by mouth to an unconscious person. Seek medical attention if needed.
If Inhaled	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place.

Most important symptoms and effects, both acute and delayed

Symptoms:

Ingestion:	Not applicable
Inhalation:	Not applicable
Skin:	May cause an allergic skin reaction.
Eye:	Causes eye irritation.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable.
Hazards from products	Toxic fumes may be released.
Suitable Extinguishing media	Water spray. Dry powder. Foam.
Precautions for firefighters and special protective clothing	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

Use personal protective equipment. Deny access to unprotected persons. Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

Do not flush into surface water or sanitary sewer system.

Take up mechanically and dispose as per Section 13.

Section 7. Handling and Storage**Handling:**

- Read label before use.
- Wash hands thoroughly after handling.
- Ensure good ventilation of the work station.
- Avoid contact with skin and eyes.
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Wear personal protective equipment.

Storage:

- Store in a well-ventilated place. Keep cool.
- Store away from incompatible materials listed in Section 10.

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

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

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 NOV 2020 12TH EDITION.

Engineering Controls

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Ensure good ventilation of the work station.

Personal Protection Equipment



Eyes	Safety glasses with side-shields.
Hands	Wear suitable protective gloves.
Skin	Wear suitable protective clothing.
Respiratory	In case of insufficient ventilation, wear suitable respiratory equipment

Section 9 Physical and Chemical Properties

Appearance	Solid Paste
Colour	Various
Odour	Characteristic 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 available
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Relative Density	0.98 – 1.02
Solubility in water	Not available
Partition Coefficient:	Not available
Auto Flammability	Not available
Oxidising	Not available
Viscosity	Not available

Section 10. Stability and Reactivity

Stability of Substance	Stable under the prescribed storage conditions.
Conditions to Avoid	None known.
Incompatible Materials	None known.
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Causes serious eye irritation.
Skin	May cause an allergic skin reaction.

Chronic Effects:

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

BUTAN-2-ONE O,O',O''-(METHYLSILYLIDYNE)TRIOXIME (22984-54-9)	
LD50 oral rat	≈ 2453 mg/kg
LD50 dermal rat	> 2000 mg/kg
BUTAN-2-ONE O,O',O''-(VINYLILIDYNE)TRIOXIME (2224-33-1)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	≈ 2009 mg/kg
SILICA, AMORPHOUS (7631-86-9)	
LD50 oral rat	> 10 000 mg/kg
LD50 dermal	>5000 mg/kg
N-(3-(TRIMETHOXYSILYL)PROPYL)ETHYLENEDIAMINE (1760-24-3)	
LD50 oral rat	2295 mg/kg
LD50 dermal	2000 mg/kg

Section 12. Ecotoxicological Information

Not hazardous to the environment

Persistence and degradability	No data available
Biodegradation	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

BUTAN-2-ONE O,O',O''-(METHYLSILYLIDYNE)TRIOXIME (22984-54-9)	
LC50 fish 1	972.34 mg/l
EC50 other aquatic organisms 1	231.84 mg/l
BUTAN-2-ONE O,O',O''-(VINYLILIDYNE)TRIOXIME (2224-33-1)	
LC50 fish 1	1011 mg/l
EC50 other aquatic organisms 1	201 mg/l
SILICA, AMORPHOUS (7631-86-9)	
LC50 fish 1	> 10 000 mg/kg

Section 13. Disposal Considerations

General: Dispose as per Local Regulations.

Precautions: None known.

Section 14 Transport Information

Product Name: SabreSeal CR
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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 5433:2012

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

NZ - EPA Approval Code: Surface Coatings and Colourants (subsidiary) - HSR002670

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	Not required
Secondary Containment	Not required
Fire Extinguisher	Not required
Restriction of Use	Only use for the intended purpose.

Section 16 Other Information

Glossary

Cat	Category
EC50	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC50	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD50	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:

Product Name: SabreSeal CR
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1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2017 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
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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Issue Date: 29 July 2021

Review Date: 29 July 2026