



SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: SabreSeal MS25 Building & Industrial Hybrid Sealant
Product Use:
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:
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 NOT is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

Section 3. Composition of hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Calcium carbonate	25 - <50	471-34-1
Trimethoxyvinylsilane	2.5 - <10	2768-02-7
2-(2'-hydroxy-5'-methylphenyl)benzotriazole	0.1 - <1.0	2440-22-4
Diocetyl tin dilaurate		
Irganox 1135	<0.1	125643-61-0
bis(1,2,2,6,6-pentamethyl-4-pi	<0.1	41556-26-7

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.

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If on Skin	Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.
If Swallowed	If vomiting occurs spontaneously: Keep head below hips to prevent aspiration of stomach vomit into lungs. Provide fresh air, rest and warmth. Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.
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: Irritating to eyes. May cause sensitization by skin contact.

Notes to Doctor: Treat symptomatically.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable
Hazards from products	Heating or fire conditions liberates toxic gas.
Suitable Extinguishing media	Carbon Dioxide, Dry Chemical, Foam. Do not use alcohol, alcohol based solutions, any other media not listed above.
Precautions for firefighters and special protective clothing	In the event of fire, wear self-contained breathing apparatus. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Keep containers and surroundings cool with water spray.
HAZCHEM CODE	None allocated.

Section 6. Accidental Release Measures

Ensure adequate ventilation. Use personal protective equipment. Remove all sources of ignition.

Do not allow material to contaminate ground water system. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

Section 7. Handling and Storage

Handling:

- Provide sufficient air exchange and/or exhaust in work rooms.
- Wear personal protective equipment.
- Do not breathe vapours or spray mist.
- Wash hands before breaks and at the end of workday.
- When using, do not eat, drink or smoke.

Storage:

- Store away from incompatible materials listed in Section 10.
- Avoid heat, sparks, flames and other ignition sources.

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- Keep container closed.
- Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Marble (Calcium carbonate) [471-34-1]	-	10	-	-

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, especially in confined areas.

Personal Protection Equipment:



Eyes	If splashes are likely to occur, wear: Face-shield, tightly fitting safety goggles (EN 166).
Hands	Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact). Be aware that in daily use the durability of a chemical resistant protective glove can be notably shorter than the break through time measured according to EN 374, due to the numerous outside influences (e.g. temperature). Long sleeved clothing. Remove and wash contaminated clothing before re-use. Use chemical resistant gloves and lotions and barrier creams to prevent drying of the skin. Recommended glove material for mixed product: Protective gloves complying with EN 374: Butyl rubber. Nitrile rubber
Skin	Wear protective clothing.
Respiratory	Use compressed air or fresh air breathing apparatus in closed compartments. Wear respiratory protection with combination filter (dust and gas filter, EN 14387:2004+A1:2008) during spraying operations: Gas filter type A2 (organic substances). Dust filter P3 (for fine dust).

Section 9 Physical and Chemical Properties

Appearance	Paste
Odour	Characteristic
Odour Threshold	Not available.
pH	Not applicable.
Boiling Point	Not available.
Melting Point / Freezing Point	Not available.
Freezing Point	Not available.
Flash Point	>151°C

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Flammability	Not available.
Upper and Lower Explosive Limits	Not available.
Vapour Pressure	Not available.
Vapour Density	Not available.
Relative Density	1.6
Solubility in water	Not miscible or difficult to mix.
Partition Coefficient:	Not available.
Auto-ignition Temperature	Not available.
Viscosity (dynamic)	Not available.
VOC	Not available.
Particle Characteristics	Not available.
Evaporation Rate	Not available.

Section 10. Stability and Reactivity

Stability of Substance	Stable under recommended storage conditions. Stable under normal conditions
Possibility of hazardous reactions	No reactivity hazards known under recommended storage and use conditions. No reactivity hazards known under normal storage and use conditions.
Conditions to Avoid	Avoid heat, sparks, flames and other ignition sources.
Incompatible Materials	None known.
Hazardous Decomposition Products	In case of fire hazardous decomposition products may be produced such as: Carbon monoxide (CO), carbon dioxide (CO ₂), oxides of nitrogen (NO _x).

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.
Additional Information	Chronic exposure causes drying effect on the skin and eczema. Inhalation of vapour or mist can cause headache, nausea, irritation of nose, throat, and lungs. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. Gas or vapour is harmful on prolonged exposure or in high concentrations. Irritant of eyes and mucous membranes. CNS depressant. Inhalation is the main hazard in industrial use. The solvent vapours can be harmful

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	and cause headaches, nausea, and intoxication. Acts as a defatting agent on skin.
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Individual component information:

Acute Toxicity:

Chemical Name	Oral – LD50	Dermal – LD50	Inhalation – LC50
Calcium carbonate	6450 mg/kg (rat)	-	-
Trimethoxyvinylsilane	7120 mg/kg (rat)	3540 mg/kg	-

Section 12. Ecotoxicological Information

Not hazardous to the environment.

Persistence and degradability	No data available.
Bioaccumulative	No data available.
Mobility in soil	No data available.
Other adverse effects	No data available.

Section 13. Disposal Considerations

Disposal Method:

Triple rinse container and dispose of according to 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: NZS 5433:2020 and
SNZ HB 5433:2021**

Section 15 Regulatory Information

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

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

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	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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