



SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: SabreBond PU2002 Resin
Product Use: Resin for 2 component adhesive.
Restrictions 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: 18 July 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:

Not classified as hazardous according to Regulation (EC) No. 1272/2008 [CLP] which meets New Zealand jurisdiction criteria as per EPA Hazardous Substances (Classification) Notice 2017.

Section 3. Composition of hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Polyol mixture	100%	Proprietary

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

If on Skin Remove residues with soap and water. Take off contaminated clothing and wash it before reuse. In case of skin reactions, consult a physician.

If Swallowed	Rinse mouth. Never give anything by mouth to an unconscious person. Immediately get medical attention.
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.

Notes to Doctor: Treat symptomatically.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable.
Hazards from products	Combustible. May form dangerous gases and vapours in case of fire. Furthermore, there may develop: carbon monoxide and carbon dioxide.
Suitable Extinguishing media	Water spray jet, extinguishing powder, carbon dioxide Do not use full water jet.
Precautions for firefighters and special protective clothing	Wear a self-contained breathing apparatus and chemical protective clothing. Do not allow fire water to penetrate into surface or ground water.
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

For emergency responders:

Provide adequate ventilation. Avoid contact with skin and eyes. Do not breathe mist/vapours/spray. Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse. Keep unprotected people away.

Environmental precautions:

Do not allow to penetrate into soil, waterbodies or drains.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal. Special danger of slipping by leaking/spilling product. Dispose as per Section 13.

Section 7. Handling and Storage

Precautions for Handling:

- Provide adequate ventilation, and local exhaust as needed.
- Avoid contact with skin and eyes.
- Do not breathe mist/vapours/spray.
- Wear appropriate protective equipment.
- Take off contaminated clothing and wash it before reuse.
- Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.
- Keep away from heat.
- When handling larger quantities, take precautionary measures against electrostatic charging.

Precautions for Storage:

- Store in a well-ventilated place. Keep container tightly closed.

- Keep only in the original container, in a dry area away from frost, heat and direct sunlight.
- Store containers in upright position.
- Recommended storage temperature: 10 °C - 30 °C
- Shelf life: 9 months
- Do not store with strong oxidizing agents.
- Keep away from food, drink and animal feeding stuffs.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

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

Contains no substances with occupational exposure limit values.

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

Provide good ventilation and/or an exhaust system in the work area.

Personal Protection Equipment



Eyes	Tightly sealed goggles according to BS EN ISO 16321-1:2022.
Hands	Protective gloves according to EN 374.
Skin	Wear suitable protective clothing.
Respiratory	In case of inadequate ventilation wear respiratory protection. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product.
General	Avoid contact with skin and eyes. Do not breathe mist/vapours/spray. Wear Appropriate protective equipment. Take off contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

Section 9 Physical and Chemical Properties

Component A

Appearance	Liquid
Colour	White
Odour	Not available
Odour Threshold	Not available
pH	Not available
Boiling Point	Not available
Melting/Freezing Point	Not available
Flash Point	Not available
Flammability	Not available
Upper and Lower Explosive Limits	Not available

Vapour Pressure	Not available
Vapour Density	Not available
Density	1,65 - 1,75 g/mL
Solubility in water	Not available
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
VOC g/L	Not available
Particle Characteristics	Not available
Viscosity, dynamic	22500 - 27500 mPa*s (Brookfield)
Pour Point	Not available

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Possibility of hazardous reactions	No hazardous reaction when handled and stored according to provisions.
Conditions to Avoid	Keep away from heat sources, sparks and open flames. Protect from direct sunlight. Protect from frost.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	No hazardous decomposition products when regulations for storage and handling are observed.

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	Not applicable.

Section 12. Ecotoxicological Information

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

Section 13. Disposal Considerations

Disposal Method:

Dispose of waste according to applicable legislation. Non-contaminated packages may be recycled.

Precautions or 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

Section 15 Regulatory Information

Australia:

Australia NOHSC – NOT Hazardous according to Safe Work Australia NOHSC 2011 National Code of Practice

Poison Schedule No: Not scheduled

New Zealand:

Not classified as hazardous according to Regulation (EC) No. 1272/2008 [CLP] which meets New Zealand jurisdiction criteria as per EPA Hazardous Substances (Classification) Notice 2017.

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:

Product Name: SabreBond PU2002 Resin
Date of SDS: 18 July 2023

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

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 13th 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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