

Sabre®

Good bonds last.

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: Sabrefix PU Plus Construction Adhesive
Product Use: Adhesive
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: 16 October 2025 v2

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

EPA Approval Code: Surface Coatings and Colourants (subsidiary) - HSR002570

Warning: Reacts slowly with water to produce carbon dioxide but reaction accelerate at higher temperatures.

Toxic gases/fumes maybe given off during burning or thermal composition. Closed container may forcibly rupture under extreme heat or when contents have been contaminated with water. Use cold water spray to cool fire-exposed containers to minimize the risk of rupture.

Pictograms



SIGNAL WORD: DANGER

GHS Classification and Category	Hazard Code	Hazard Statement
Skin irritation Cat. 2	H315	Causes skin irritation.

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Eye irritation Cat. 2	H319	Causes serious eye irritation.
Respiratory sensitisation Cat. 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin sensitisation Cat. 1	H317	May cause an allergic skin reaction.
Specific target organ toxicity – single exposure Cat. 1	H370	Causes damage to organs.

Prevention Code Prevention Statement

P103	Read carefully and follow all instructions.
P260	Do not breathe fumes, gas, mist, vapours or spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective clothing as detailed in SDS Section 8.
P285	In case of inadequate ventilation wear respiratory protection.

Response Code Response Statement

P302 + P352	IF ON SKIN: Wash with plenty of water.
P304 + P341	IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P311	IF exposed or concerned: Get medical advice/ attention.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P342 + P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
P362+P364	Take off contaminated clothing and wash before reuse.

Storage Code Storage Statement

P405	Store locked up.
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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.
Methylenediphenylene isocyanate prepolymer	30-60	39420-98-9
4'-Methylenebis(phenyl isocyanate)	10-30	101-68-8
Diphenylmethane diisocyanate homopolymer	5-15	25686-28-6

Section 4. First Aid Measures

Routes of Exposure:

<p>If in Eyes</p> <p>If on Skin</p>	<p>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.</p> <p>Take off contaminated clothing and shoes immediately and wash before reuse. Wash off with soap and plenty of water. If skin irritation or rash occurs: Get medical advice/attention.</p>
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If Swallowed DO NOT induce vomiting. Rinse mouth with water. 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. Seek medical assistance if needed.

Most important symptoms and effects, both acute and delayed

Symptoms:

Ingestion: Swallowing of this material presents health hazard. Harmful: may cause lung damage if swallowed. Seek a medical assistance, even if there are no immediate symptoms.

Inhalation: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Skin: Causes skin irritation. May cause an allergic skin reaction.

Eye: Causes serious eye irritation.

Chronic: Causes damage to organs.

Notes to Doctor: Treat symptomatically.

Section 5. Fire Fighting Measures

Hazard Type	Non-Flammable
Hazards from products	Will support combustion. On burning may emit toxic fumes including those of carbon oxides, nitrogen oxides, isocyanate vapours and hydrogen cyanide.
Suitable Extinguishing media	Dry chemical powder, Carbon dioxide, chemical foam; in case of larger fires, water spray should be used.
Precautions for firefighters and special protective clothing	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion. Water fog (or if unavailable fine water spray), foam, dry agent (carbondioxide, dry chemical powder).
HAZCHEM CODE	None allocated.

Section 6. Accidental Release Measures

Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section. Ensure adequate ventilation.

Prevent, by any means available, spillage from entering drains or water courses.

For small spills:

Quickly wipe up material before it cures, with cloth or absorbant paper avoiding skin contact. Uncured material will dissolve in acetone or acetone based nail polish remover. Cured material can only be removed by abrasion.

For large spills:

Wear protective equipment to prevent skin and eye contamination and inhalation of vapours. Scrape up material before it cures. Collect and seal in properly labeled containers for disposal. Wash area down with excess water. Cured material can only be removed by abrasion.

Section 7. Handling and Storage

Handling:

- Read carefully and follow all instructions.
- Do not breathe fumes, gas, mist, vapours or spray.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.

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- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective clothing as detailed in SDS Section 8.
- In case of inadequate ventilation wear respiratory protection.
- This product should not be heated or sprayed.
- Avoid skin and eye contact.

Storage:

- Store in a cool place and out of direct sunlight.
- Store away from acids, alcohols, oxidizing agents, moisture and sources of heat or ignition.
- Keep dry, reacts with water; may lead to drum rupture.
- Keep containers closed at all times, check regularly for leaks.
- Store locked up.

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
4'-Methylenebis (phenyl isocyanate) [101-68-8)	-	0.02	-	-

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 FEB 2025 15TH EDITION.

Engineering Controls

Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Use in well-ventilated area. Keep containers closed when not in use.

Personal Protection Equipment



Eyes	Wear safety goggles.
Hands	Wear chemical protective gloves e.g PVC
Skin	Wear overalls and safety boots.
Respiratory	If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.
General	Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

Section 9 Physical and Chemical Properties

Appearance	Paste
Colour	Opaque white
Odour	Characteristic
Odour Threshold	Not available
pH	Not available

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Boiling Point	242 °C
Melting /Freezing Point	Not available
Flash Point	≥100 °C
Flammability	Non-Flammable
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Density	1.13 g/cm ³
Relative Density	1.1
Specific Gravity	Not available
Solubility in water	Insoluble
Partition Coefficient:	Not available
Auto Flammability	Not available
Oxidising	Not available
Viscosity	Not available

Section 10. Stability and Reactivity

Stability of Substance	Stable under normal conditions of storage and handling.
Possibility of hazardous reactions	No data available.
Conditions to Avoid	Avoid contact with foodstuffs.
Incompatible Materials	Reacts with alcohols, acids, oxidizing agents and moisture.
Hazardous Decomposition Products	No data available. Refer to Section 5.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not classified but if swallowed may cause vomiting, nausea and abdominal pain.
Dermal	Not applicable.
Inhalation	May cause allergy or asthma symptoms or breathing difficulties if inhaled. Repeated inhalation of vapour or spray mists at levels above the occupational exposure. Standard could cause respiratory sensitization. Symptoms may include irritation of the eyes, nose, throat and lungs, possibly with dryness of the throat, tightness of the chest and difficulty breathing. Onset of respiratory symptoms may be delayed for several hours after exposure. A hyper-reactive response may develop to even minimal concentrations of MDI in sensitized individuals.
Eye	Causes serious eye irritation.
Skin	Causes skin irritation. May cause an allergic skin reaction.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Causes damage to organs.
STOT/RE	Not applicable.

Section 12. Ecotoxicological Information

Not hazardous to the environment. Material is practically non-toxic to aquatic organisms on an acute basis (LC50 greater than 100mg/l in most sensitive species)

Persistence and degradability	No data available on product
Biodegradation	No data available on product
Bioaccumulation	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: Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Normally suitable for incineration by an approved agent. Empty foil or buckets should be exposed to air and left to cure. When cured, dispose of in rubbish as inert waste.

Precautions: 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:

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: Schedule 5

New Zealand:

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

NZ - EPA Approval Code: Surface Coatings and Colourants (subsidiary) - HSR002570

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	1000kg
Secondary Containment	1000kg
Restriction of Use	Only use for the intended purpose.

Section 16 Other Information

Glossary

Cat Category

EC50 Median effective concentration.

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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:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices FEB 2025 15th 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

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