SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product:	**Sabregrip R72**
Product Use:	Adhesive
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:	29 October 2025

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: Gases Under Pressure Mixtures (Flammable) - HSR002532

Pictograms

SIGNAL WORD: DANGER

GHS Category	Hazard Code	Hazard Statement
Flammable gas Cat. 1A	H220	Extremely flammable gas.
Liquified Gas	H280	Contains gas under pressure may explode if heated.
Skin irritation Cat. 2	H315	Causes skin irritation.
Eye irritation Cat. 2	H319	Causes serious eye irritation.
specific target organ toxicity - single exposure Cat 3 - Narcotic	H336	May cause drowsiness or dizziness.

Effects		
Hazardous to the aquatic environment chronic Cat. 2	H411	Toxic to aquatic life with long lasting effects.

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing fumes, vapours or spray.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective clothing as detailed in SDS Section 8.

Response Code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P377	Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
P381	In case of leakage, eliminate all ignition sources.
P391	Collect spillage.
P302 + P352	IF ON SKIN: Wash with plenty of water.
P304 + P340	IF INHALED: 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.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash before reuse.

Storage Code	Storage Statement
P405	Store locked up.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P410 + P403	Protect from sunlight. Store in a well-ventilated place.

Disposal Code	Disposal Statement
P501	Dispose of according to the local authorities

Section 3. Composition of hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Methyl Acetate	30-40	79-20-9
Heptane	10-20	142-82-5
LPG	30-40	68476-85-7

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes — Gently rinse the affected eye(s) with clean, cool water for at least 15 minutes. Have the patient lie or sit down and tilt the head back. Hold the

eyelid(s) open and pour water slowly over the eyeball(s) at the inner corners, letting the water run out of the outer corners.
The patient may be in great pain and wish to keep the eyes closed. It is important that the material is rinsed from the eyes to prevent further damage.
Ensure that the patient looks up, and side to side as the eye is rinsed in order to better reach all parts of the eye(s)
Transport to hospital or doctor.
Even when no pain persists and vision is good, a doctor should examine the eye as delayed damage may occur.
If the patient cannot tolerate light, protect the eyes with a clean, loosely tied bandage.
Ensure verbal communication and physical contact with the patient.
DO NOT allow the patient to rub the eyes
DO NOT allow the patient to tightly shut the eyes
DO NOT introduce oil or ointment into the eye(s) without medical advice
DO NOT use hot or tepid water.

If on Skin — Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.

If Swallowed — Rinse mouth. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.

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:

Inhalation	May cause drowsiness or dizziness.
Ingestion	Not applicable.
Skin contact	Causes skin irritation.
Eye contact	Causes serious eye irritation.

Notes to Doctor: Treat symptomatically.

Section 5. Fire Fighting Measures

Hazard Type	Extremely Flammable Gas. Will be easily ignited by heat, sparks or flames. Will form explosive mixtures with air.
Hazards from products	May decompose explosively when heated or involved in fire. High concentration of gas may cause asphyxiation without warning. Contact with gas may cause burns, severe injury and/ or frostbite. Combustion products include: carbon monoxide (CO) carbon dioxide (CO2) other pyrolysis products typical of burning organic material.
Suitable Extinguishing media	DO NOT EXTINGUISH BURNING GAS UNLESS LEAK CAN BE STOPPED SAFELY: OTHERWISE: LEAVE GAS TO BURN.

	Use Water spray, fog, dry chemical, BCF, carbon dioxide or alcohol stable foam to extinguish. Do not use water jet.
Precautions for firefighters and special protective clothing	Wear breathing apparatus plus protective gloves in the event of a fire. Fight fire from a safe distance, with adequate cover. The only safe way to extinguish a flammable gas fire is to stop the flow of gas. If the flow cannot be stopped, allow the entire contents of the cylinder to burn while cooling the cylinder and surroundings with water from a suitable distance. Extinguishing the fire without stopping the gas flow may permit the formation of ignitable or explosive mixtures with air. These mixtures may propagate to a source of ignition. If safe, switch off electrical equipment until vapour fire hazard removed. Use water delivered as a fine spray to control the fire and cool adjacent area. Avoid spraying water onto liquid pools. Do not approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire.
HAZCHEM CODE	**2YE**

Section 6. Accidental Release Measures

Wear protective clothing as described in Section 8. Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing vapour and any contact with liquid or gas. Do not enter confined spaces where gas may be accumulated. Shut off all sources of ignition and increase ventilation. No smoking or naked lights within area.

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

Stop leak if safe to do so. Remove leaking cylinders to a safe place, release pressure under safe controlled conditions by opening value. Orientate cylinder so that the leak is gas, not liquid, to minimize rate of leakage. Keep area clear of personnel until gas has dispersed.
Dispose of as per Section 13.

Section 7. Handling and Storage

Handling:

- Read carefully and follow all instructions.
- Do not handle until all safety precautions have been read and understood.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Avoid breathing fumes, vapours or spray.
- Wash hands thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Avoid release to the environment.
- Wear protective clothing as detailed in SDS Section 8.
- Even with proper grounding and bonding, this material can still accumulate an electrostatic charge. If sufficient charge is allowed to accumulate, electrostatic discharge and ignition of flammable air-vapour mixtures can occur.
- Containers, even those that have been emptied, may contain explosive vapours.
- Do NOT cut, drill, grind, weld or perform similar operations on or near containers.
- DO NOT attempt repair work on lines, vessels under pressure.
- DO NOT transfer gas from one cylinder to another.

Storage:

- Store away from incompatible materials listed in Section 10.
- Keep out of reach of children.

- Store locked up.
- Store in a well-ventilated place. Keep container tightly closed.
- Protect from sunlight. Store in a well-ventilated place.
- Keep in original container.
- Check that containers are clearly labelled and free from leaks.

Section 8 Exposure Controls / Personal Protection

Exposure Limit Values:
WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance		TWA ppm	TWA mg/m³	STEL ppm	STEL mg/m³
Heptane (n-Heptane)	[142-82-5]	400	1640	500	2050
Methyl acetate	[79-20-9]	200	606	250	757
LPG (Liquefied petroleum gas)	[68476-85-7]	1000	1800	-	-

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 14TH EDITION.

Engineering Controls
Ensure good ventilation of the work station.

Personal Protection Equipment

Eyes	Tight-fitting safety goggles. Avoid wearing contact lenses.
Hands	Wear cloth or leather gloves. Insulated gloves should be loose fitting so that may be removed quickly if liquid is spilled upon them. Insulated gloves are not made to permit hands to be placed in the liquid; they provide only short-term protection from accidental contact with the liquid.
Skin	Wear protective clothing and safety shoes.
Respiratory	Type AX Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

Section 9 Physical and Chemical Properties

Appearance	Liquified Gas Canister
Odour	Not available
Odour Threshold	Not available
pH	Not available
Boiling Point	-40^{0}C
Melting Point	-97^{0}C
Freezing Point	Not available
Flash Point	-104^{0}C
Flammability	Highly Flammable
Upper and Lower Explosive Limits	2.2 – 9.1%
Vapour Pressure	46.86 kPa
Vapour Density	Not available
Relative Density	0.88 (water=1)

Solubility in water	Immiscible
Partition Coefficient:	Not available
Auto-ignition Temperature	495^{0}C
Viscosity	Not available
VOC content	Not available

Section 10. Stability and Reactivity

Stability of Substance	Stable at normal conditions.
Conditions to Avoid	Refer to Section 7.
Incompatible Materials	Refer to Section 7.
Hazardous Decomposition Products	Refer to Section 5.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Inhalation of vapours may cause drowsiness and dizziness. Inhalation of high concentrations of gas/vapour causes lung irritation with coughing and nausea, central nervous depression with headache and dizziness, slowing of reflexes, fatigue and incoordination.
Eye	Causes serious irritation to eyes.
Skin	Causes skin irritation.

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.

Individual component information:

Acute Toxicity:

Chemical Name	Oral – LD50	Dermal – LD50	Inhalation – LC50
Methyl acetate	3700 mg/kg (rabbit)	>2000 mg/kg (rabbit)	-
Heptane	>5000 mg/kg (rat)	>2000 mg/kg (rabbit)	>29.29 mg/l/4hr (rat)
LPG	-	-	658 mg/l/4h (rat)

Section 12. Ecotoxicological Information

Toxic to aquatic life with long lasting effects.

Persistence and degradability	No data available on product
Bioaccumulative	No data available on product

Mobility in soil	No data available on product
Other adverse effects	No data available on product

	Endpoint	Test Duration (hr)	Species	Value	Source
Methyl Acetate	EC50	72h	Algae or other aquatic plants	>120mg/l	1
	EC50	48h	Crustacia	1026.7mg/l	1
	NOEC(ECx)	72h	Algae or other aquatic plants	≥120 mg/l	1
	LC50	96h	Fish	250mg/l	1

	Endpoint	Test Duration (hr)	Species	Value	Source
Heptane	EC50	48h	Crustacia	0.4mg/l	2
	LC50	96h	Fish	0.11mg/l	2
	NOEC(ECx)	504h	Crustacia	0.17mg/l	2

Legend: *Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances – Ecotoxicological Information – Aquatic Toxicity 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data*

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: Do not allow to enter waterways.

Section 14 Transport Information

This product is classified as a Dangerous Good for transport in Australia; ADG 7

This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2020 and SNZ HB 5433:2021

Road, Rail, Sea and Air Transport

UN No	3501
Class - Primary	2.1
Packing Group	Not applicable
Proper Shipping Name	**CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.**
Marine Pollutant	YES
Special Provisions	274, 362

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

EPA Approval Code: Gases Under Pressure Mixtures (Flammable) - HSR002532

Controls in New Zealand:
Trigger quantities for this substance:

HSW (HS) Regulations 2017 and EPA Notices	**Trigger Quantity**
Certified Handler	Not required
Location Certificate	100 kg
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	250 kg
Emergency Response Plan	300 kg
Secondary Containment	300 kg
Restriction of Use	Only use for the intended purpose.

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:

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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