

## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product: SabreGrip R72 TPO/EPDM Membrane Adhesive Canister  
Product Use: Canister Spray 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: 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 (Flammable) - HSR002662

#### Pictograms



**SIGNAL WORD: DANGER**

GHS Classification and Category	Hazard Code	Hazard Statement
Flammable Liquids Cat. 2	H225	Highly flammable liquid and vapour.
Pressurised Gas, Compressed	H280	Contains gas under pressure; may explode if heated.
Acute oral toxicity Cat. 4	H302	Harmful if swallowed.
Acute dermal toxicity Cat. 4	H312	Harmful in contact with skin.
Acute inhalation toxicity Cat. 4	H332	Harmful if inhaled.

Skin irritation Cat. 2	H315	Causes skin irritation.
Eye irritation Cat. 2	H319	Causes serious eye irritation.
Narcotic effects	H336	May cause drowsiness or dizziness.
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 label before use.
P210	Keep away from heat, sparks, open flames or hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground, bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust, fumes, gas, mist, vapours or spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective clothing as detailed in 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.
P330	Rinse mouth.
P362	Take off contaminated clothing and wash before re-use.
P391	Collect spillage.
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P303 + P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
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.
P370 + P378	In case of fire: Use alcohol-resistant foam, carbon dioxide or dry powder. for extinction.

**Storage Code      Storage Statement**

P405	Store locked up.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P403 + P235	Store in a well-ventilated place. Keep cool.

**Disposal Code      Disposal Statement**

P501	Dispose of according to the local authorities
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**Section 3.      Composition of hazardous Ingredients**

<b>Ingredients</b>	<b>Wt%</b>	<b>CAS NUMBER.</b>
Methyl Acetate	30 - 60	79-20-9

Heptane	10 - 25	142-82-5
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#### Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Remove any contact lenses and open eyelids wide apart. Only remove contact lenses if the person is conscious, coherent and they can remove them themselves. If adhesive bonding occurs, do not force eyelids apart. Continue to rinse for at least 15 minutes. If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.
If on Skin	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
If Swallowed	Get medical attention immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
If Inhaled	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention.

#### Most important symptoms and effects, both acute and delayed

Symptoms:

<b>Ingestion:</b>	May Cause the following effects: Gastrointestinal symptoms, including upset stomach. Central nervous system depression. Nausea, vomiting. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.
<b>Inhalation:</b>	May cause coughing and difficulties in breathing. May cause eye and respiratory system irritation. Overexposure may depress the central nervous system, causing dizziness and intoxication.
<b>Skin:</b>	May be absorbed through the skin. Product has a defatting effect on skin. The liquid is irritating to eyes and skin. A single exposure may cause the following adverse effects: Dryness and/or cracking.
<b>Eye:</b>	Causes serious eye irritation. Burns can occur. A single exposure may cause the following adverse effects: Pain. Conjunctivitis, irritation, tearing. Prolonged or repeated exposure may cause the following adverse effects: Irritation of eyes and mucous membranes. Prolonged contact causes serious eye and tissue damage.

#### Section 5. Fire Fighting Measures

<b>Hazard Type</b>	Not Flammable. Containers can burst violently or explode when heated, due to excessive pressure build-up. This product is toxic.
<b>Hazards from products</b>	Pressurized container: Must not be exposed to temperatures above 50°C. Containers can burst violently or explode when heated, due to excessive pressure build-up. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.

<b>Suitable Extinguishing media</b>	Extinguish with alcohol-resistant foam, carbon dioxide or dry powder. Do not use water jet as an extinguisher, as this will spread the fire. media
<b>Precautions for firefighters and special protective clothing</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate clothing.
<b>HAZCHEM CODE</b>	<b>2YE</b>

**Section 6. Accidental Release Measures**

For personal protection, see Section 8. No smoking, sparks, flames or other sources of ignition near spillage.

Avoid discharge into drains. Contain spillage with sand, earth or other suitable noncombustible material.

Stop leak if possible without risk. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage. Dispose as per Section 13.

**Section 7. Handling and Storage**

**Handling:**

- Read label before use.
- Avoid contact with skin and eyes.
- Keep away from heat, sparks, open flames or hot surfaces. No smoking.
- Keep container tightly closed when not in use.
- Ground, bond container and receiving equipment.
- Use explosion-proof electrical, ventilating and lighting.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Avoid breathing dust, fumes, gas, mist, vapours or spray.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Use only outdoors or in a well-ventilated area. Use approved respirator if air contamination is above an acceptable level.
- Avoid release to the environment.
- Wear protective clothing as detailed in Section 8.

**Storage:**

- Store locked up and away from children.
- Store away from incompatible materials listed in Section 10.
- Keep container tightly closed, in a cool, well ventilated place.
- Keep containers upright.
- Keep away from heat, sparks and open flame.
- Keep only in the original container.
- Pressurized container: Must not be exposed to temperatures above 50°C.

**Section 8 Exposure Controls / Personal Protection**

**Exposure Limit Values:**

**WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

	<b>TWA</b>	<b>STEL</b>
Product Name: SabreGrip R72 TPO/EPDM		
Date of SDS: 29 July 2021		
SDS Prepared by: Technical Compliance Consultants (NZ) Ltd		
Tel: +64 9 475 5240		WWW.techcomp.co.nz

Substance	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Methyl acetate [79-20-9]	200	606	250	757
Heptane (n-Heptane) [142-82-5]	400	1640	500	2050

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 12<sup>TH</sup> EDITION.

### Engineering Controls

This product must not be handled in a confined space without adequate ventilation. Avoid inhalation of vapours and spray/mists. As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

### Personal Protection Equipment



<b>Eyes</b>	Wear chemical splash goggles.
<b>Hands</b>	Use protective gloves.
<b>Skin</b>	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
<b>Respiratory</b>	If exposure levels are likely to be exceeded, use a half face mask fitted with an organic vapor filter for short term low level exposures. For long term or high level exposures, a supplied air respirator should be used.
<b>General</b>	DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Aerosol.
<b>Colour</b>	Clear. Red.
<b>Odour</b>	Organic solvents.
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not available
<b>Boiling Point</b>	55.8°C
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	-13°C
<b>Flammability</b>	Not available
<b>Upper and Lower Explosive Limits</b>	1.2% - 16%
<b>Vapour Pressure</b>	Not available
<b>Vapour Density</b>	Heavier than air
<b>Relative Density</b>	0.89
<b>Solubility in water</b>	Slightly soluble in water.
<b>Partition Coefficient:</b>	Not available
<b>Auto Flammability</b>	Not available

<b>Oxidising</b>	Not available
<b>Viscosity</b>	Not available
<b>Volatile organic compound</b>	This product contains a maximum VOC content of 95.4 g/l.

### Section 10. Stability and Reactivity

<b>Stability of Substance</b>	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
<b>Conditions to Avoid</b>	Avoid heat, flames and other sources of ignition.
<b>Incompatible Materials</b>	Avoid contact with the following materials: Oxidising agents. Reducing agents.
<b>Hazardous Decomposition Products</b>	Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ). products Hydrogen chloride (HCl). Nitrous gases (NO <sub>x</sub> ).

### Section 11 Toxicological Information

#### Acute Effects:

<b>Swallowed</b>	Harmful if swallowed. ATE Oral = 769.23mg/kg
<b>Dermal</b>	Harmful in contact with skin. ATE Dermal = 1692.31mg/kg
<b>Inhalation</b>	Harmful if inhaled. May cause drowsiness or dizziness. ATE inhalation (vapours) 16.92mg/l
<b>Eye</b>	Causes serious eye irritation.
<b>Skin</b>	Causes skin irritation.

#### Chronic Effects:

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	Not applicable.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Not applicable.
<b>Target Organs</b>	Not applicable.

### Section 12. Ecotoxicological Information

Toxic to aquatic life with long lasting effects.

<b>Persistence and degradability</b>	No data available
<b>Biodegradation</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	No data available

Do not allow to enter waterways.

### Section 13. Disposal Considerations

#### Disposal Method:

Spent media that has removed toxic chemicals should be examined for specific hazards. Spilled product may be recovered for use if it has not come in contact with liquids or been exposed to significant amounts of gaseous contaminants. Dispose of according to Local Regulations.

Product Name: SabreGrip R72 TPO/EPDM  
Date of SDS: 29 July 2021

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

Ensure any container holding waste product or contaminated spill media is labelled "Hazardous Waste – Flammable" and that the label also has the appropriate pictograms from section 2, waste type identifier, and the business name, address, and phone number.

**Precautions or methods to avoid:** Avoid release to the environment.

## 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: NZS 5433:2012



### Road, Rail, Sea and Air Transport

<b>UN No</b>	3501
<b>Class - Primary</b>	3
<b>Packing Group</b>	II
<b>Proper Shipping Name</b>	Chemical Under Pressure, Flammable, N.O.S. (Methyl Acetate, Heptane) (IMDG)
<b>Marine Pollutant</b>	Yes
<b>Special Provisions</b>	If the product's individual container is below 5L/kg, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.

## 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 (Flammable) - HSR002662

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	100L (>5L), 250L (<5L), 50L open
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	250L
Emergency Response Plan	1000L
Secondary Containment	1000L
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:

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. The information herein is given in good faith, but no warranty, express or implied is made. Please contact the Australian Manufacturer or New Zealand distributor, if further information is required.

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