

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: Sabre Surface Activator
Product Use: Surface cleaner and activator for removing surface contaminants from non-porous substrates and to improve adhesion prior to using FORMOA adhesives
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: 29 June 2026 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

NZ - EPA Approval Code: Cleaning (Flammable) - HSR002528

Pictograms



Signal Word: DANGER

GHS Classification and Category	Hazard Code	Hazard Statement
Flammable Liquids Cat. 2	H225	Highly flammable liquid and vapour.
Eye irritation Cat. 2	H319	Causes serious eye irritation.

Prevention Code Prevention Statement

P103	Read carefully and follow all instructions.
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 action to prevent static discharge.
P264	Wash hands thoroughly after handling.
P280	Wear protective clothing as detailed in Section 8.

Response Code	Response Statement
P303 + P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P370 + P378	In case of fire: Use Co2, sand, extinguishing powder for extinction.

Storage Code	Storage Statement
P403 + P235	Store in a well-ventilated place. Keep cool.

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

Section 3. Composition of hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Propan-2-ol	50-100	67-63-0
Tetraisopropyl orthotitanate	2.5 -10	546-68-9

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If eye irritation persists: Get medical advice/attention.
If on Skin	Take off contaminated clothing and shoes immediately and wash before reuse. Wash off with soap and plenty of water. If symptoms persist, call a physician.
If Swallowed	Do not induce vomiting without medical advice. 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. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place.

Most important symptoms and effects, both acute and delayed

Symptoms: Causes serious eye irritation and is a mild skin irritant.

Section 5. Fire Fighting Measures

Hazard Type	Highly Flammable.
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Hazards from products	No hazardous combustion products are known.
Suitable Extinguishing media	In case of fire carbon dioxide, sand or extinguishing powder. Do not use water.
Precautions for firefighters and special protective clothing	In the event of fire, wear self-contained breathing apparatus.
HAZCHEM CODE	3YE

Section 6. Accidental Release Measures

Use personal protective equipment. Deny access to unprotected persons. No naked flames, sparks, and do not smoke. Eliminate every possible source of ignition. Ensure adequate ventilation.

Prevent from entering drains or water courses.

Absorb with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust). Material and its container must be disposed of in a safe way as per Section 13.

Section 7. Handling and Storage

Handling:

- Read label before use.
- Keep away from heat, sparks, open flames or hot surfaces. No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical, ventilating and lighting.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Wash hands thoroughly after handling.
- Wear protective clothing as detailed in Section 8.

Storage:

- Store away from incompatible materials listed in Section 10.
- Keep cool dry and in a well-ventilated place.
- Keep container tightly closed.
- Store away from direct sunlight or other sources.

Section 8 Exposure Controls / Personal Protection

Exposure Limit Values:

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance		TWA	mg/m ³	STEL	mg/m ³
		ppm		ppm	
Isopropyl alcohol [67-63-0]	(AUST)	400	983	500	1230
	(NZ)	200	491	400	1300

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

Engineering Controls

Ensure good ventilation of the workstation.

Personal Protection Equipment



Eyes	Wear tightly sealed goggles with side shields. Avoid wearing contact lenses.
Skin	Wear protective gloves and clothing.
Respiratory	In case of brief exposure or low pollution use respirator filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Section 9 Physical and Chemical Properties

Appearance	Liquid
Colour	Colourless
Odour	Alcohol like
Odour Threshold	Not available
pH	Not available
Boiling Point	82°C
Melting Point	Not available
Freezing Point	Not available
Flash Point	13°C
Flammability	Highly Flammable. Not explosive however formation of explosive air/vapour mixtures are possible.
Upper and Lower Explosive Limits	2.0 – 12%
Vapour Pressure	43 hPa @ 20°C
Density	0.8035 g/cm ³ @ 20°C
Solubility in water	Not miscible or difficult to mix
Partition Coefficient:	Not available
Auto Flammability	425°C
Oxidising	Not available
Viscosity, Kinematic	Not available
VOC content	9.0%
Organic Solvents	90.00%

Section 10. Stability and Reactivity

Stability of Substance	Stable under normal conditions.
Conditions to Avoid	All heat sources, including direct sunlight.
Incompatible Materials	None known.
Hazardous Decomposition Products	No data available.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
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Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Causes serious eye irritation.
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.

Propan-2-ol	
LD50 oral rat	5045 mg/kg
LD50 dermal rabbit	12800 mg/kg
LC50 Inhalation rat	30 mg/l

Section 12. Ecotoxicological Information

Not hazardous to the environment

Persistence and degradability	No data available
Biodegradation	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Section 13. Disposal Considerations

General: Flammable vapours may accumulate in the container. Clean up even minor leaks or spills, if possible, without risk. Place recovered product into an appropriate waste container for disposal through appropriate waste company or specialized landfill in accordance with Local Regulations.

Precautions: Ensure waste container containing recovered product is labelled "Hazardous waste – Flammable" along with the pictograms from section 2, a waste identifier, and the business name, address and phone number.

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 5433:2020

Road, Rail, Sea and Air Transport



UN No	1993
Class - Primary	3

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Packing Group	II
Proper Shipping Name	FLAMMABLE LIQUID, N.O.S. (ISOPROPANOL)
Marine Pollutant	No
Special Provisions	If the product's individual container is below 1L, 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: Cleaning Products (Flammable) - HSR002528

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
Fire Extinguisher	250L - 2 x
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.

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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

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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