



Good bonds last.

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: SabreFix BS Bitumen Sealant
Product Use: Sealant for professional use
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: Warning

GHS Classification and Category	Hazard Code	Hazard Statement
Flammable Liquids Cat. 3	H226	Flammable liquid and vapour.

Prevention Code Prevention Statement

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.

Product Name: Sabre-Fix BS Bitumen Sealant
Date of SDS: 29 July 2021

P243	Take precautionary measures against static discharge.
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.
P370 + P378	In case of fire: Use carbon dioxide (CO ₂), foam or dry 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.
n-butyl Acetate	<12	123-86-4

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:

Ingestion: May cause lung damage if swallowed.

Inhalation: Inhalation may cause irritation (cough, short breathing, difficulty in breathing). May cause drowsiness or dizziness. May cause headache and dizziness.

Skin: Repeated exposure may cause skin dryness or cracking.

Eye: Irritating to eyes.

Section 5. Fire Fighting Measures

Hazard Type	Flammable. May form flammable/explosive vapour-air mixture.
Hazards from	No hazardous combustion products are known.

products	
Suitable Extinguishing media	In case of fire carbon dioxide, foam and dry extinguishing powder. Do not use strong water jet.
Precautions for firefighters and special protective clothing	In the event of fire, wear self-contained breathing apparatus. In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion. Eliminate all ignition sources if safe to do so. Do not allow run-off from fire-fighting to enter drains or water courses. Cool down the containers exposed to heat with a water spray.
HAZCHEM CODE	3Y

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. Avoid contact with skin, eyes and clothing. Notify police and fire brigade as soon as possible. Ventilate area.

Prevent from entering drains or water courses.

Soak up with inert absorbent material (e.g. clay or diatomaceous earth). Dispose 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.
- Use only outdoors or in a well ventilated area.
- Avoid contact with skin, eyes and clothing.
- Handling temperature: 8 – 30°C
- Wear protective clothing as detailed in Section 8.

Storage:

- Store away from incompatible materials listed in Section 10.
- Store in a closed container.
- Keep cool. Store in a well-ventilated place.
- Maximum storage period = 12 months.
- 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	
n-Butyl acetate [123-86-4]	150	713	200	950

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

Product Name: Sabre-Fix BS Bitumen Sealant
Date of SDS: 29 July 2021

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 12TH EDITION.

Engineering Controls

Ensure good ventilation of the work station.

Personal Protection Equipment

Eyes	Not required.
Skin	Wear nitrile rubber gloves.
Respiratory	No special measures required.

Section 9 Physical and Chemical Properties

Appearance	Liquid Pasty
Colour	Black
Odour	Characteristic
Odour Threshold	Not available
pH	Not available
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	56°C
Flammability	Not available
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Density	1.3 g/cm ³ @ 20°C
Solubility in water	Insoluble
Partition Coefficient:	Not available
Auto Flammability	Not available
Oxidising	Not available
Viscosity, Kinematic	Not available
VOC content	150g/l

Section 10. Stability and Reactivity

Stability of Substance	Stable under the prescribed storage conditions.
Conditions to Avoid	All heat sources, including direct sunlight. Avoid shock and friction. No flames, no sparks. Eliminate all sources of ignition.
Incompatible Materials	Oxidising agent, acids and bases.
Hazardous Decomposition Products	No data available.

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.

n-butyl acetate	
LD50 oral rat	14000 mg/kg
LD50 dermal rabbit	> 14000 mg/kg
LC50 Inhalation rat	23,4 mg/l

Section 12. Ecotoxicological Information

Not hazardous to the environment

Persistence and degradability	No data available for the product n-butyl acetate: Readily diodegradable
Biodegradation	No data available for the product n-butyl acetate: 83% 28 das
Bioaccumulation	No data available for the product n-butyl acetate: Low Pow = 1,81 Log Kow = 1,78
Mobility in Soil	No data available
Other adverse effects	No data available

n-butyl acetate	
LC50 fish 1	18 mg/l
EC50 Daphnia 1	44 mg.kl
EC50 other aquatic organisms	648 mg/l <i>Desmodesmus subspicatus</i> (72h)

Section 13. Disposal Considerations

General: Flammable vapours may accumulate in the container. Clean up even minor leaks or spills, if possible, without risk.

Precautions: 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



UN No	1123
Class - Primary	3
Packing Group	III
Proper Shipping Name	Butyl Acetates
Marine Pollutant	No
Special Provisions	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

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HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	500L (>5L), 1500L (<5L), 250L open
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000L
Emergency Response Plan	10 000L
Secondary Containment	10 000L
Fire Extinguisher	500L - 2x required
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.

Product Name: Sabre-Fix BS Bitumen Sealant

Date of SDS: 29 July 2021

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

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