

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: 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: 4 July 2016

Section 2. Hazards Identification

Australia NOHSC – Is hazardous according to Safe Work Australia NOHSC 2011 National Code of Practice

NZ - This substance is hazardous according to The HSNO (Minimum Degrees of Hazard) Regulations 2001

NZ - EPA Approval Code: Surface Coatings and Colourants (Flammable) - HSR002662

Pictograms



Flammable Irritant

SIGNAL WORD: Warning

HSNO Class.	Hazard Code	Hazard Statement	GHS Category
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3.1C	H226	Flammable liquid and vapour.	Category 3
6.3B	H316	Causes mild skin irritation.	Category 3
6.4A	H319	Causes serious eye irritation.	Category 2A

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/lighting.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P264	Wash hands thoroughly after handling.
P280	Wear protective clothing.

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.
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 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.
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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.
n-butyl acetate	<12	123-86-4
Non hazardous	To balance	

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. Continue rinsing. If eye irritation persists: Get medical advice.
If on Skin	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/ attention.
If Swallowed	Rinse mouth. Never give anything by mouth to an unconscious person. Consult a doctor if you feel unwell.
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.

Section 5. Fire Fighting Measures

Hazard Type	Flammable
Hazards from products	May form flammable/explosive vapour-air mixture. Heating may cause a fire or explosion.
Suitable Extinguishing media	Carbon dioxide (CO ₂). Foam. dry extinguishing powder. Do not use a strong water jet.
Precautions for firefighters and special protective clothing	Do not attempt to take action without suitable protective equipment. Wear self-contained breathing apparatus and protective suit. Cool down the containers exposed to heat with a water spray. In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion. Exercise caution when fighting any chemical fire. Eliminate all ignition sources if safe to do so. Do not allow run-off from fire-fighting to enter drains or water courses.
HAZCHEM CODE	3Y

Section 6. Accidental Release Measures

Extinguish all ignition sources. Avoid sparks, flames and heat. Do not smoke. Only qualified personnel equipped with suitable protective equipment may intervene. Avoid contact with skin, eyes and clothing. Notify police and fire brigade as soon as possible.

Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

This material and its container must be disposed of in a safe way, and as per local legislation.

Section 7. Handling and Storage

Handling:

- Read label before use.
- Keep away from heat, sparks, open flames or hot surfaces. No smoking.
- Flammable vapours released during adhesive application may form explosive mixtures with air.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical/ventilating/lighting.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Wash hands thoroughly after handling.
- Wear protective clothing.
- Handling temperature - 8 - 30 °C

Storage:

- Store locked up.
- Store in a cool, dry, well ventilated place and out of direct sunlight.
- Maximum storage period = 12 months
- Isolate from incompatible materials detailed in Section 10.

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

Product Name: SabreFix BS
Date of SDS: 4 July 2016

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

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.

Engineering Controls

Ensure good ventilation of the work station.

Personal Protection Equipment

Respiratory Protection

Not required with adequate ventilation available.

Skin Protection

Avoid skin contact. Wear nitrile rubber gloves.

Eye Protection

Avoid eye contact. Wear safety glasses if using near or above head height.

Section 9 Physical and Chemical Properties

Appearance	Black Pasty liquid
Odour	Characteristic
Odour Threshold	Not applicable
pH	Not applicable
Boiling Point	Not available
Melting Point	Not applicable
Freezing Point	Not applicable
Flash Point	56°C
Flammability	Not applicable
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not applicable
Density	1,3 g/cm ³ at 20°C
Specific Gravity	Not applicable
Solubility in water	Insoluble
Partition Coefficient:	Not applicable
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not applicable
VOC Content	150g/l
Particle Characteristics	Not applicable

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions. Heating may cause a fire or explosion. Highly flammable liquid and vapour.
Conditions to Avoid	All heat sources, including direct sunlight. Avoid shock and friction. No flames, no sparks. Eliminate all sources of ignition.
Incompatible Materials	Oxidizing agent. acids and bases.
Hazardous Decomposition Products	None known.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Causes severe irritation to eyes.
Skin	Causes mild 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.

n-butyl acetate (123-86-4)	
LD ₅₀ oral rat	14000 mg/kg
LD ₅₀ oral	10760 mg/kg (OECD 423 method)
LD ₅₀ dermal rabbit	> 14000 mg/kg (OECD 402 method)
LC ₅₀ inhalation rat (mg/l)	23,4 mg/l (OECD 403 method)

Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

n-butyl acetate (123-86-4)	
LC ₅₀ fish 1	18 mg/l (OECD 203 method)
EC ₅₀ Daphnia 1	44 mg/l
EC ₅₀ other aquatic organisms 1	648 mg/l <i>Desmodesmus subspicatus</i> (

N-butyl Acetate

Persistence and degradability	Readily biodegradable, according to appropriate OECD test.
Biodegradation	83% 28 days
Bioaccumulation	Log Pow = 1,81 Log Kow = 1,78
Mobility in Soil	No data available.
Other adverse effects	No data available

Section 13. Disposal Considerations

Disposal Method: Flammable vapours may accumulate in the container. Clean up even minor leaks or spills, if possible, without unnecessary 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".

Disposal methods to avoid: None known.

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 and Rail Transport

UN No: 1123
Class-primary 3
Packing Group III
Proper Shipping Name: BUTYL ACETATES

Air Transport

UN No: 1123
Class-primary 3
Packing Group III
Proper Shipping Name: BUTYL ACETATES

Marine Transport

UN No: 1123
Class-primary 3
Packing Group III
Proper Shipping Name: BUTYL ACETATES

Section 15 Regulatory Information

Australia:

Australia NOHSC – Hazardous according to Safe Work Australia NOHSC 2011 National Code of Practice

Poison Schedule No: Not Scheduled.

New Zealand:

EPA Approval Code:

Surface Coatings and Colourants (Flammable) – HSR002662

HSNO Classification: 3.1C, 6.3B, 6.4A

HSNO Controls in New Zealand:

Trigger quantities for this substance:

	Trigger Quantity
Approved Handler	Not required
Location Certificate	500L (>5L), 1500L (<5L), 250L open
Tracking Trigger Quantities	Not applicable
Signage Trigger Quantities	1000L (3.1C)
Emergency Response Plan trigger Quantities	10 000L (3.1C)
Secondary Containment	10 000L (3.1C)
Restrictions of use	None

Section 16 Other Information

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.
2. Safe Work Australia NOHSC 2011 National Code of Practice

Disclaimer

This document has been issued by the TCC(NZ) Ltd and serves as their Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to the 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) Ltd 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 distributor if further information is required.

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