



SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: Sabre Bond XL300
Product Use: Woodworking adhesive.
Restrictions of use: Refer to Section 15

New Zealand Supplier: Maxilam NZ
Address: 35-39 Tiro Tiro Rd
Levin, 5540, New Zealand
Telephone: +64 (0)6 366 0007
Fax Number: +64 (0)6 368 0766
Emergency No: **0800 764 766 (National Poison Centre)**

Australian Supplier: Maxilam Au
Address: 11 Marconi Drive, Dandenong, Melbourne
Telephone No: +61 3 8657 5507
Fax: +61 2 62993868
Emergency No: **13 11 26 (National Poison Line)**

Date SDS Issued: 4 July 2016

Section 2. Hazards Identification

Australia NOHSC – Is NOT hazardous according to Safe Work Australia NOHSC 2011 National Code of Practice

NZ - This substance is NOT hazardous according to The *HSNO (Minimum Degrees of Hazard) Regulations 2001*

Section 3. Composition of hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Vinyl Acetate (monomer)	< 0.5	108-05-4
Formaldehyde	< 0.1	50-00-0
Hexylene Glycol (2-Methylpentane-2,4-diol)	< 0.5	107-41-5
Non-hazardous Ingredients	To 100%	-

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice.

If on Skin Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.

If Swallowed	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	Not combustible. However following evaporation of aqueous component residual material can burn if ignited.
Hazards from products	Possible formation of oxides of carbon, smoke and other unidentified products. In combustion emits toxic fumes.
Suitable Extinguishing media	Water spray or fog, carbon dioxide (CO ₂), Dry Chemical and Foam.
Precautions for firefighters and special protective clothing	If exposed to fumes or products of combustion it's advisable to wear self contained breathing apparatus.
HAZCHEM CODE	None allocated.

Section 6. Accidental Release Measures

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Wipe up with absorbent (clean rags or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Wear protective equipment to prevent skin and eye contamination. Slippery when wet. Dam and contain spill with absorbent inert material (sawdust, vermiculite, dry sand or earth). Place into suitable sealed containers and follow state or local authority regulations for disposal of the waste.

Section 7. Handling and Storage

Handling:

- Read label before use.
- Avoid contact with eyes and repeated or prolonged skin contact.
- Use personal protective equipment as required.
- Use in well-ventilated areas and pressing stations.
- Avoid inhaling vapours and fumes emitted during hot-pressing operations.

Storage:

- Isolate from incompatible materials detailed in Section 10.
- Store in cool well-ventilated place, out of direct sunlight.
- Keep containers closed when not in use - check regularly for leaks.

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
Vinyl Acetate	10	35	20	70
Formaldehyde	1	1.2	2	2.5
Hexylene Glycol	25*	121*		

*Peak limitation

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

Use in well ventilated areas. Local exhaust should be adequate for ambient temperature applications. Hot pressing stations should be equipped with a dedicated fume extraction system above and around the press.

Personal Protection Equipment

Respiratory Protection

Wear an organic vapour respirator if at risk of exposure to vapours, fumes or spray mist.

Skin Protection

If there is a risk of repeated skin exposure, wear impervious gloves (PVC coated should be adequate).

Eye Protection

Wear safety glasses.

Section 9 Physical and Chemical Properties

Appearance	Opaque white creamy fluid with mild specific odour
Odour	Mild odour
Odour Threshold	Not available
pH	3.0 – 5.0
Boiling Point	Approx 100°C
Melting Point	Not available
Freezing Point	Approx 0°C
Flash Point	Not available
Flammability	Not available
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Relative Density	Not available
Specific Gravity	1.06 approx
Solubility in water	Miscible
Partition Coefficient:	Not available
Auto Flammability	Not available
Oxidising	Not available
Viscosity	4000 - 20000 cPs
Kinematic Viscosity	Not available
% Volatile	40-60%

Section 10. Stability and Reactivity

Stability of Substance	Stable when stored and used as directed.
Conditions to Avoid	None specific, but advisable to elevated temperatures and freezing temperatures.
Incompatible Materials	Oxidising agents, reducing agents, strong alkalis, strong acids.
Hazardous Decomposition Products	If heated excessively, possible formation of oxides of carbon and other unidentified (possible toxic) products.

Section 11 Toxicological Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet. Symptoms or effects that may arise if the product is mishandled and overexposure occurs.

Acute Effects:

Swallowed	Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.
Dermal	Not applicable.
Inhalation	May be an irritant to mucous membranes and respiratory tract.
Eye	May cause eye irritation.
Skin	May be a skin irritant.

Vinyl acetate vapour is a severe eye irritant. Hexylene glycol is assigned by Safe Work Australia as a Harmful, irritating to skin and eyes. May irritate skin on prolonged contact. Eye Contact: liquid is severely irritating; vapour is irritating above 50ppm.

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.

ACGIH evaluated vinyl acetate as an A3 – Animal Carcinogen: the available evidence suggests it is not likely to cause cancer in humans except under unusual exposure. The IARC monograph indicates “there is little evidence in humans for carcinogenicity of vinyl acetate. There is limited evidence in experimental animals for carcinogenicity of vinyl acetate.” This would normally place a substance in IARC category 3. However, because vinyl acetate is metabolised to acetaldehyde, an IARC 2B classification has been assigned.

Formaldehyde is assigned by Safe Work Australia as a Sensitiser and as a Carcinogen Category 2 - probably a human carcinogen.

Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

Ecotoxicity:

Hexylene Glycol aquatic toxicity: very low
Vinyl acetate aquatic toxicity: 96 hr LC₅₀ Fathead Minnows 24 mg/L
Formaldehyde aquatic toxicity: expected to be slightly toxic to aquatic life

Mobility/Persistence/Biodegradability:

Formaldehyde: non-persistent in the environment - rapidly degraded (< 24 hrs) to formic acid and CO; does not bio-accumulate; water-soluble, hence mobile in soil and water

Hexylene Glycol: readily eliminated and does not bio-accumulate; biodegrades readily & rapidly in the presence of oxygen; reacts with atmospheric hydroxyl radicals; estimated 1/2 life in air is 1.6 days; water-soluble, hence mobile in soil and water

Vinyl acetate: biodegraded by soil bacteria

Polyvinyl acetate polymer: susceptible to biodegradation and to gradual environmental degradation, e.g. by UV radiation and hydrolysis; not water-soluble hence not mobile in soil; miscible with, hence mobile in water.

Section 13. Disposal Considerations

Disposal Method: Empty packaging completely prior to disposal. Place recovered product into an appropriate waste container for disposal in accordance with local regulations.

Precautions: None known.

Section 14 Transport Information

This product is NOT classified as a Dangerous Good for transport in Australia; ADG 7
This product is NOT classified as a Dangerous Good for transport: NZS 5433:2012

Section 15 Regulatory Information

Australia:

Australia NOHSC – NOT Hazardous according to Safe Work Australia NOHSC 2011 National Code of Practice

Poison Schedule No: Not Scheduled.

New Zealand:

This substance is NOT hazardous according to The *HSNO (Minimum Degrees of Hazard) Regulations 2001*

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

The information herein is given in good faith, but no warranty, express or implied is made.

Please contact the distributor if further information is required.

Issue Date: 4 July 2016

Review Date: 4 July 2021

Product Name: Sabre Bond XL300
Date of SDS: 4 July 2016

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