

PVA Bond- Safety Data Sheet

Product Name: PVA Bond
Product Code: 236123
UFI: 87X2-9PNW-400E-0DH7

1. IDENTIFICATION OF COMPANY

Supplier:	T.I Midwood & Co. Ltd TIMCO House Green Lane Wardle Nantwich CW5 6BJ	T.I Midwood & Co. Ltd Aviemore House Hill Street Monahan Ireland
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Emergency Help Line: 01865 407333 (24 hour service)

2. COMPOSITION

DESCRIPTION: Vinyl acetate emulsion stabilised with polyvinyl alcohol substances with Health/ Limit value.

CAS NUMBER & CHEMICAL NAME %: N/A

3. HAZARD IDENTIFICATION

None.

May cause soreness if product enters eyes.

Repeated or prolonged skin contact may cause defatting and lead to irritation.

Ingress to waterways may cause persistent milky discolouration. BOD may be harmful to aquatic organisms.

4. FIRST-AID MEASURES – SIGNS & SYMPTOMS OF EXPOSURE

Eye	Smarting	Wash out with plenty of water. Consult doctor if discomfort persists.
Skin	No acute symptoms	Wash off with soap and water before product dries. Remove soiled clothing; launder before re-use.
Swallowing	Nausea	Give water to drink; consult Doctor if amount exceeds 20ml.
Inhalation	Choking Coughing Dizziness	Remove to fresh air; consult Doctor if symptoms persist.

5. FIREFIGHTING MEASURES

Low fire hazard. No restrictions on fire-fighting media.

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6. ACCIDENTAL RELEASE MEASURES

Prevent ingress into drain and watercourses. Pump up large amounts. Absorb residues and small spillages on sand etc. For disposal (see 13).

7. HANDLING AND STORAGE

7.1 Handling

PVA Bond contains small amounts of volatile organic compounds (see 12), which may accumulate in un-vented headspace of drums or vessels. Open drums in a ventilated area. Avoid breathing the vapours.

Efficient ventilation should ensure control within legal limits. (see 2 and 8.1).

7.2 Storage

Vent bulk containers to outside of building to disperse volatile residues. Avoid freezing temperatures during storage.

8. EXPOSURE CONTROLS – PERSONAL PROTECTION

8.1 Exposure controls

Efficient ventilation is normally adequate. For large amounts, especially if sprayed or heated, local extraction may be necessary.

8.2 Personal protection

Respiratory protection:	Dust masks only if spray is generated.
Hand protection:	Gloves (e.g. PVC) if splashing occurs.
Eye protection:	Goggles (BS2902) if splashing occurs.
Skin protection:	Apron (e.g. PVC) if severe splashing occurs.

9. PHYSICAL AND CHEMICAL DATA

APPEARANCE	White liquid
ODOUR	Faint
pH	4 - 6
BOILING & MELTING POINT	As water
FLAMMABILITY & AUTOIGNITION	N/A
VAPOUR PRESSURE	As water
WATER SOLUBILITY	Fully Miscible
FAT/ OIL SOLUBILITY	N/A
PARTITION COEFFICIENT-N-OCTANOL/ WATER	N/A
VISCOSITY @ 25°C SPINDLE 6 @ 20 RPM	130 +/- 35 poise
SOLIDS	20%+/- 2%

10. STABILITY AND REACTIVITY

PVA Bond is not unstable and has no hazardous decomposition products.

11. TOXICOLOGICAL INFORMATION

From long-term experience of handling this product type, no serious, acute or chronic effects result from handling PVA Bond under industrial conditions.

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12. **ECOLOGICAL INFORMATION**

PVA Bond is miscible in water, and is thus likely to be transported considerable distances if allowed ingress to water.

The polymer is poorly biodegradable, but is not susceptible to bio-accumulation. The biological oxygen of other components may be harmful to aquatic organisms.

13. **DISPOSAL INFORMATION**

Dispose of in accordance with local and national regulations. For example, in the UK regulations made under the Control of Pollution Act 1974, and the Environmental Protection Act 1990. Wear protective clothing during disposal operations. If disposal is by a waste contractor, make sure that he has sufficient information and that the waste containers are properly labelled.

14. **TRANSPORT REGULATIONS**

PVA Bond is not classified as hazardous for transport.