



ALCOLIN PERMOBOND

SAFETY DATA SHEET

1. IDENTIFICATION

1.1. Product identifier

Product name Alcolin Permobond
Chemical family Vinyl acetate ter-polymer dispersion in water

1.2. Intended use of the product

All purpose bonding agent and primer

1.3. Name, address, and telephone of the responsible party

Company: Permoseal (PTY) Ltd
Address: 1 Beverley Close, Montague Gardens, 7441, Cape Town, South Africa
Phone: +27-21-555-7400
Toll-free No. 0800-222-400
Website: www.alcolin.com

1.4. Emergency phone number

+27-21-555-7400

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

GHS Classification This product is not hazardous

2.2. Label elements

GHS Labelling No labelling applicable

2.3. Other Hazards

May cause skin and eye irritation

2.4. Unknown acute toxicity

No data available

3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture. This product is not hazardous.

Ingredients	CAS Number	Contents (%)	Classification of Substance
Vinyl acetate monomer	108-05-4	15 - 20	Flam liq.: Cat 2 Carc.: Cat 2 Acute tox.: Cat 4 STOT SE: Cat 3
Vinyl ester monomer 10	51000-52-3	5 - 10	Aquatic acute.: Cat 1 Aquatic chron.: Cat 1
Dibutyl maleate	105-76-0	1 - 5	Skin sens.: Cat 1A STOT RE: Cat 2

4. FIRST-AID MEASURES

4.1. Description of first aid measures

General	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.
Inhalation	Move to fresh air. If nose or airway blockage occurs, seek medical attention.
Skin contact	Wash skin with mild soap and water. Remove soiled clothing. Seek medical attention if irritation persists.
Eye contact	Rinse cautiously with water for 15 minutes. Remove any contact lenses if present and easy to do. Continue rinsing. Obtain medical attention.
Ingestion	Rinse mouth. Do not induce vomiting. Get the affected person to drink a lot of water in small gulps. Obtain medical attention.

4.2. Most important symptoms and effects both acute and delayed

General	May cause irritation
Inhalation	None expected under normal conditions of use.
Skin contact	Skin irritation may be caused by direct and prolonged contact
Eye contact	May cause temporary irritation
Ingestion	Not expected to show any significant signs or symptoms indicative of any adverse health hazard.

4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically
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5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media	Water, dry chemical powder, foam, carbon dioxide or sand
Unsuitable ext. media	Not applicable

5.2. Special hazards arising from the substance or mixture

Fire hazard	Not flammable
Explosion hazard	Product is not explosive

5.3. Advice for firefighters

Firefighting instructions	Exercise caution when fighting any chemical fire.
Protection during firefighting	Firefighters should wear full protective gear. Do not enter fire area without proper protective equipment, including respiratory protection.
Hazardous combustion products	Under certain conditions of combustion, traces of toxic substances cannot be excluded.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Contaminated surfaces will become very slippery.
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6.2. For non-emergency personnel

Protective equipment	Use appropriate personal protection equipment (PPE)
Emergency procedures	Evacuate unnecessary personnel.

6.3. For emergency personnel

Protective equipment	Use appropriate personal protection equipment (PPE)
Emergency procedures	Secure the area and evacuate unnecessary personnel.

6.4. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.5. Methods and materials for containment and cleaning up

For containment	Absorb and or contain spill with inert material.
Methods for cleaning up	If recovery is not feasible, absorb with inert material. Place in a container suitable for disposal. Dispose of in accordance with current local legislation.

6.6. Reference to other sections

Refer to Section 8, Exposure controls and personal protection

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling temperature	Normal ambient temperature
Hygiene measures	Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating or drinking.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	Store in a dry, cool and well-ventilated place. Keep container closed when not in use.
Incompatible materials	Organic solvents, strong acids, strong alkalis, salts
Maximum storage period	12 months, but may vary depending on storage conditions.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1. Control parameters

There are no established exposure limits for this product.

8.2. Exposure controls

Engineering controls	Provide good ventilation when handling large quantities. No special measures are required if stored and handles as above. The product contains low levels of volatile organic compounds which may evaporate during application and drying. Also a small quantity of ammonia has to be considered.
Personal protective equipment	Not required under normal conditions of use in a well-ventilated space.
Hand protection	For frequent contact, wear impermeable rubber gloves.
Eye protection	Safety glasses
Skin and body protection	If there is a risk of severe splashing, wear waterproof overalls.
Respiratory protection	Not required under normal conditions of use in a well-ventilated space.
Other information	When using, do not eat or drink.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Milky white liquid
Odour	Characteristic PVAc
pH	Approximately 5
Density (g/cm ³)	Approximately 1.03
Explosive properties	None
Boiling point (°C)	Approximately 100
Solubility water	Miscible
Solubility solvent	Incompatible
VOC (g/L)	10.9

10. STABILITY AND REACTIVITY

Reactivity	None expected under normal conditions.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None
Conditions to avoid	Direct sunlight. Extremely high or low temperatures.
Incompatible materials	Organic solvents, strong acids, strong alkalis, salts
Hazardous decomposition products	None

11. TOXICOLOGICAL INFORMATION

This product has not undergone any toxicological testing. Acute and chronic health effects are not expected as long as good hygiene and safety precautions are followed.

12. ECOLOGICAL INFORMATION

This product has not been tested for environmental effects. Based on its components, this product is unlikely to result in any detrimental ecological effects.

13. DISPOSABLE CONSIDERATIONS

Sewage disposal recommendations	Do not dispose waste into sewer.
Waste disposal recommendations	Whatever cannot be saved for recovery or recycling should be disposed of in accordance with current local legislation.

14. TRANSPORT INFORMATION

Road / rail transport	ADR / RID	Not regulated
Marine Transport	IMDG	Not regulated
Inland waterways	ADNR	Not regulated
Air transport	IATA	Not regulated

15. REGULATORY INFORMATION

15.1. Labelling	Classified as a non-hazardous product
15.2. National legislation	None

16. OTHER INFORMATION

16.1. Information sources

This SDS is prepared based on the information received from the suppliers

16.2. Full text of H-phrases referred to under Section 3

H315	Causes skin irritation
H319	Causes eye irritation
H373	May cause damage to organs through prolonged or repeated exposure

16.3. Additional information

This document has been prepared in accordance with the SDS requirements of SANS 11014:2010

For intended use and applications see the Technical Data Sheet for the product. The information provided in this Safety Data Sheet is based on the present state of our knowledge. This data is intended to enable safety assessments to be made and should not be construed as guaranteeing specific properties. Recipients of our product must take responsibility for observing existing laws and regulations.

Revision date	November 2019
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