



TITEBOND 50

SAFETY DATA SHEET

1. IDENTIFICATION

1.1. Product identifier

Product name Titebond 50
Chemical family Aliphatic resin emulsion

1.2. Intended use of the product

A 'carpenters' glue or 'yellow' glue for bonding all types of wood

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

Company: Permoséal (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

No additional information available

2.4. Unknown acute toxicity

No data available

3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture. This product is not hazardous.

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 and seek medical attention.
Skin contact Wash skin with mild soap and water. 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. Seek medical attention if any discomfort continues.
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 | Not expected to cause skin irritation. |
| Eye contact | Not expected to cause eye irritation. |
| Ingestion | Not expected to show any significant signs or symptoms indicative of any adverse health hazard. |

Indication of any immediate medical attention and special treatment needed

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| Note to physicians | Treat symptomatically |
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5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

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| 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

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| Fire hazard | Not flammable |
| Explosion hazard | Product is not explosive. |

5.3. Advice for firefighters

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| 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

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| General measures | Do not get in eyes or skin, or on clothing. Contaminated surfaces will become very slippery. |
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6.2. For non-emergency personnel

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|----------------------|---|
| 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

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| 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

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| 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

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|------------------------|--|
| Storage conditions | Store in a dry, cool and well-ventilated place. Keep container closed when not in use. |
| Incompatible materials | None |
| 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

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| Engineering controls | Not required under normal conditions of use in a well-ventilated space. |
| Personal protective equipment | Use appropriate personal protection equipment (PPE). |
| Eye protection | Safety glasses |
| Skin and body protection | Use protective latex or nitrile gloves to prevent contact. |
| 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 | Yellow viscous liquid |
| Odour | Characteristic PVAc |
| pH | Approximately 4.5 |
| Density (g/cm ³ @ 20°C) | Approximately 1.15 |
| Flash point (°C) | Approximately 93.3 |
| Boiling point (°C) | Approximately 100 |
| Flammability limits (%) | Lower: 55 |
| Solubility water | Miscible |
| VOC Content (g/L) | 2.39 |

10. STABILITY AND REACTIVITY

| | |
|------------------------------------|--|
| Reactivity | None expected under normal conditions |
| Chemical stability | Stable under normal conditions |
| Possibility of hazardous reactions | None expected under normal conditions |
| Conditions to avoid | Direct sunlight. Extremely high or low temperatures. |
| Incompatible materials | None |
| Hazardous decomposition products | Thermal decomposition releases carbon monoxide and carbon dioxide. |

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

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|---------------------------------|---|
| 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

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| 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

None

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.

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