



ALCOLIN PERMO-KEY

SAFETY DATA SHEET

1. IDENTIFICATION

1.1. Product identifier

Product name Alcolin Permo-Key
Chemical family Cement

1.2. Intended use of the product

Provides an excellent keying surface with good water resistance properties prior to the application of tile adhesives and screeds

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

Company: Permo seal (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, eye and respiratory irritation. Long term exposure may lead to contact dermatitis.

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. If irritation persists, 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.
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	Prolonged exposure at high dust concentrations may cause a cough and phlegm.
Skin contact	Irritant to skin. Long term exposure may lead to contact dermatitis.
Eye contact	Irritant to eyes.
Ingestion	Ingestion in a harmful quantity is very unlikely to occur.

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	Will not burn
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	None

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	None
Maximum storage period	9 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
Personal protective equipment	Use appropriate personal protection equipment (PPE)
Hand protection	Rubber gloves should be used if there is a risk of direct contact onto skin
Eye protection	Eye and face shield or safety glasses
Skin and body protection	Observe the usual precautions when handling chemicals. Wear overalls and closed footwear
Respiratory protection	Dust mask if there is a risk of airborne dust
Other information	When using, do not eat or drink

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Grey lump-free powder
Odour	None
Density (g/cm ³)	Unknown
Solubility water	Insoluble

10. STABILITY AND REACTIVITY

Reactivity	None expected under normal conditions
Chemical stability	Stable under normal conditions, but will solidify over a period of hours if moistened or wet
Possibility of hazardous reactions	Product alkalinity can exceed pH 12 when mixed with water
Conditions to avoid	No specific conditions are likely to result in a hazardous situation
Incompatible materials	None
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. When exposed, dust acts as a skin and respiratory system irritant. Long term exposure may lead to contact dermatitis.

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. The resulting high pH when mixed with water may endanger aquatic life.

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

EEC hazard classification	Non-hazardous material
Risk phrases	None
Safety phrases	None
National legislation	None

16. OTHER INFORMATION

Revision date March 2017

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