



ALCOLIN PROTECTIVE TOP COAT

SAFETY DATA SHEET

1. IDENTIFICATION

1.1. Product identifier

Product name Alcolin Protective Top Coat
Chemical family Modified acrylic polymer dispersion in water

1.2. Intended use of the product

To be used as a sealer for cement screeds and as a top coat for epoxy floor paint systems

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

Contains an acrylic dispersion which may cause allergic skin reactions in some individuals due to the presence of ammonia.

2.4. Unknown acute toxicity

No data available

3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture. This product is not hazardous.

| Ingredient | CAS No. | Contents (%) | Classification of Substance |
|-------------|-----------|--------------|--|
| Ammonia 25% | 1336-21-6 | <1 | Skin corr.: Cat 1B Aquatic Acute: Cat 1 |

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. 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 | May cause irritation to the respiratory system. |
| Skin contact | Causes skin irritation by direct and prolonged contact. |
| Eye contact | May cause irritation to eyes. |
| Ingestion | May be harmful if swallowed. |

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

| | |
|--------------------|-----------------------|
| Note to physicians | Treat symptomatically |
|--------------------|-----------------------|

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

| | |
|------------------------------|--|
| Suitable extinguishing media | Water spray, 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. |
|------------------|--|

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

Exposure limits:

| Ingredients | CAS Number | Exposure Limits |
|-------------|------------|---|
| Ammonia 25% | 1336-21-6 | TWA 8 20ppm; 14 mg/m ³ STEL 50ppm; 36 mg/m ³ |

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 | Wear protective gloves |
| Eye protection | Safety glasses |
| Skin and body protection | If there is a risk of severe splashing, wear suitable protective clothing. |
| Respiratory protection | In poor ventilated environment, wear a suitable respirator |
| Other information | When using, do not eat or drink |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|------------------------------|-----------------------------|
| Appearance | Slightly milky/ hazy liquid |
| Odour | Mild |
| pH | Approximately 8.5 |
| Density (g/cm ³) | Approximately 1.0 |
| Boiling point (°C) | Approximately 100 |
| Solubility water | Miscible |

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 | Thermal decomposition releases carbon monoxide, carbon dioxide and fumes. |

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

H314 Causes severe skin burns and eye damage

H400 Very toxic to aquatic life

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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