



ALCOLIN 190

SAFETY DATA SHEET

1. IDENTIFICATION

1.1. Product identifier

Product name Alcolin 190
Chemical family Polyvinyl acetate dispersion in water

1.2. Intended use of the product

A polyvinyl acetate based adhesive exhibiting high strength water resistant bond to a wide variety of wood species.

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

Contains small amount of solvent which may cause some irritation.

2.4. Unknown acute toxicity

No data available

3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture. This product is not hazardous but contains a small amount of solvent

Ingredients	CAS Number	Contents (%)	Classification of Substance
Vinyl acetate	108-05-4	<0.02	Flam liq.: Cat 2 Acute tox.: Cat 4 Carc.: Cat 2 STOT SE: Cat 3
Propyl alcohol	71-23-8	< 5	Flam liq.: Cat 2 Eye dam.: Cat 1 STOT SE: Cat 3

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.

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 and salts
Maximum storage period	6 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	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	White viscous liquid
Odour	Characteristic PVAc
pH	Approximately 4.5
Density (g/cm ³ @ 20°C)	Approximately 1.1
Boiling point (°C)	Approximately 100
Flash point (°C)	Not flammable
Solubility water	Miscible

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. Exposed air will form polymer skins.
Incompatible materials	Organic solvents, strong acids, strong alkalis and salts.
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.

11.1. Acute toxicity:

Ingredient	Route of Exposure	Species/Test System	Result/Effect
Propyl alcohol	Oral	Rat	LD ₅₀ : 1870 mg/kg
	Dermal	Rabbit	LD ₅₀ : 5040 mg/kg

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.

