



MATERIAL SAFETY DATA SHEET

Wood Glue

Product name: Wood Glue

Product type: Water-based polyvinyl acetate adhesive

Recommended use: Industrial wood bonding

Supplier: Basekim Company

1. Hazard Identification

The product is generally not classified as hazardous when supplied as a standard water-based PVA adhesive.

Important precautions:

- May cause mild eye or skin irritation.
- Mist or vapour may irritate the respiratory system.
- Spilled glue may create a slipping hazard.
- Some formulations may contain preservatives capable of causing an allergic reaction.

Signal word: Not normally required

Transport classification: Not normally regulated

2. Composition

Component	Typical Content
Polyvinyl acetate dispersion	Grade-dependent
Water	Grade-dependent
Fillers and performance additives	Grade-dependent
Preservatives	Small quantity

Exact composition must be confirmed by the manufacturer.

3. First-Aid Measures

Inhalation: Move the person to fresh air. Obtain medical advice if irritation continues.

Eye contact: Rinse carefully with clean water for at least 15 minutes.



Skin contact: Wash with soap and water. Remove contaminated clothing.

Ingestion: Rinse the mouth. Do not induce vomiting. Seek medical advice if a large quantity is swallowed.

4. Firefighting Measures

The wet adhesive is not normally flammable.

After the water evaporates, the dried polymer may burn.

Use:

- Water spray
- Foam
- Dry chemical powder
- Carbon dioxide

Burning may produce carbon monoxide, carbon dioxide and irritating smoke.

5. Accidental Release

- Prevent entry into drains and waterways.
- Absorb with sand or other inert material.
- Collect into a suitable container.
- Wash the affected surface with water.
- Clean the floor completely because the product may be slippery.

6. Handling and Storage

- Use with adequate ventilation.
- Avoid contact with eyes and prolonged skin contact.
- Keep the container tightly closed.
- Store in a cool and dry place.
- Protect from freezing and prolonged heat.
- Keep away from strong oxidising materials.
- Do not mix with other adhesives unless approved.



7. Personal Protection

Eyes: Safety glasses.

Hands: Protective gloves for prolonged handling.

Respiratory protection: Normally not required with adequate ventilation.

Body: Normal protective work clothing.

8. Physical and Chemical Properties

Property	Typical Information
Appearance	White or cream liquid
Odour	Mild characteristic odour
Base	Polyvinyl acetate dispersion
pH	Grade-dependent
Density	Approximately 1.0–1.2 g/cm ³
Water solubility	Dispersible before curing
Flammability	Wet product is not normally flammable

9. Stability and Reactivity

Stable under normal handling and storage conditions.

Avoid freezing, excessive heat and strong oxidising agents.

No hazardous reaction is expected when used correctly.

10. Toxicological Information

Standard water-based PVA glue has low acute toxicity.

Direct exposure may cause:

- Temporary eye irritation
- Mild skin irritation
- Respiratory discomfort from spray mist
- Stomach discomfort if swallowed



11. Environmental Information

Prevent large releases into drains, soil and waterways.

The dried adhesive is not expected to dissolve easily in water.

12. Disposal

Allow small quantities to dry where permitted and dispose of them according to local regulations.

Dispose of large quantities and contaminated packaging through an authorised waste contractor.

13. Transport Information

Standard water-based PVA wood glue is generally not regulated as dangerous goods for road, sea or air transport.

Protect containers against freezing, leakage and physical damage.

14. Important Notice

This MSDS applies only to a general water-based PVA/PVAc wood adhesive. It must not be used for polyurethane, solvent-based or urea-formaldehyde glue.

The final classification, preservatives, emergency telephone number and composition must be confirmed by Basekim and the product manufacturer.