



## Safety Data Sheet – Timbond D4 PVA

### 1. Identification of the substance/preparation and the company

**Product Name:** Timbond D4 PVA

**Supplier:** Adkwik Ltd  
Unit F Dales Manor Business Park  
Grove Road  
Sawston  
CB22 3TJ

**Tel:** 01223 412373

**Email:** sales@adkwik.co.uk

### 2. Composition/information on ingredients

**Chemical Family:** Water based polymer adhesive.

**Component:** Vinyl acetate

**EC Number** 203-545-4

**Concentration %** >0.5

**Risk Phrases** R11 F

For full text of risk phrases, please refer to Section 16.

### 3. Hazards identification

**Main Hazards:** This preparation does not carry a hazard classification.

**Eye:** Contact with eyes causes redness and discomfort which is transient.

**Skin Contact:** Repeated or prolonged contact may cause defatting of the skin resulting in dryness, cracking and dermatitis.

**Inhalation:** Unlikely to be hazardous by inhalation because of the low vapour pressure of the material at ambient temperature. Avoid breathing vapour or mists.

**Ingestion:** Low oral toxicity.

**Physico-Chemical:** No unusual hazards are expected.

**Environment:** Spillages or uncontrolled discharges into water courses must be alerted to the appropriate regulatory body.

### 4. First Aid Measures

**Inhalation:** Immediate medical attention is not required. Remove patient from exposure.

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<b>Ingestion:</b>	None required
<b>Skin:</b>	immediate medical attention is not required. Wash skin with soap and water.
<b>Eye:</b>	Immediate medical attention is not required. Irrigate with eyewash solution or clean water until pain is relieved.

### 5. Fire Fighting Measures

<b>Extinguishing Media:</b>	CO <sup>2</sup> , Foam, Water Fog.
<b>Fire &amp; Explosion Hazards:</b>	This is a water based product and presents no particular fire or explosion hazard.
<b>Hazardous Combustion Products:</b>	Carbon monoxide and carbon dioxide.

### 6. Accidental Release Measure

<b>Spill and leak procedures:</b>	Absorb spillages onto sand, earth or any suitable absorbent material. Sweep up and shovel into waste drums. Wash the spillage area with water. Washings must be prevented from entering surface water drains. Disposal should be in accordance with local, state or national legislation.
For environmental precautions, please review the entire Safety Data Sheet for necessary information.	

### 7. Handling and Storage

<b>Storage Temperature:</b>	Ambient.
<b>Handling/Storage:</b>	Keep away from heat, sources of ignition and direct sunlight. Avoid extreme temperatures. Protect from Freezing. This material should not be spilled, discharged or flushed into sewers or public highways.
<b>Sensitive to Static Electricity:</b>	No
<b>Special Sensitivity:</b>	Protect from temperatures below 4°C

### 8. Exposure controls and personal protection

Component	Exposure Limits
Vinyl Acetate	UK EH40 OES 15-minute STEL: 72 mg/m <sup>3</sup>
	UK EH40 OES 15-minute STEL: 20 ppm
	UK EH40 OES 8-hour TWA: 36 mg/m <sup>3</sup>
	UK EH40 OES 8-hour TWA: 10ppm
<b>Ventilation Requirements:</b>	General
<b>Eye Protection Requirements:</b>	Safety glasses, goggles or face shield to protect against splashing. Personal eye protection should conform to EN166.
<b>Glove Requirements:</b>	Gloves are recommended due to possible irritation. Gloves should conform to EN374. Nitrile rubber or PVC gloves are recommended.
<b>Clothing Requirements:</b>	Uniforms, coveralls, or a lab coat should be worn. No special clothing required for low volume activity.
<b>Respiratory Requirements:</b>	None, unless there is a risk of inhaling sprayed material.
<b>Wash Requirements:</b>	Wash before eating, drinking or using toilet facilities.

## Timbond D4 PVA

### 9. Physical and Chemical Properties

<b>Appearance:</b>	White liquid
<b>Odour:</b>	Pungent
<b>pH as is:</b>	ca. 3
<b>Boiling Point:</b>	100°C
<b>Flash Point:</b>	Not applicable
<b>Freezing Point:</b>	0°C
<b>Flammability:</b>	Not applicable
<b>Explosive properties:</b>	None
<b>Oxidising properties:</b>	None
<b>Vapour pressure (mmHg):</b>	18 (25°C)
<b>Relative density:</b>	1.10
<b>Water solubility:</b>	Miscible
<b>Partition Coefficient:</b>	Not applicable
<b>Viscosity:</b>	co. 4500 mPa.s
<b>Vapour density:</b>	Not Determined
<b>Evaporation rate:</b>	1, as water
<b>Volatiles:</b>	ca. 52% water

### 10. Stability and Reactivity

<b>Stability:</b>	Stable
<b>Materials to avoid:</b>	Alkalis

### 11. Toxicological Information

<b>Eye:</b>	Contact with eyes causes redness and discomfort which is transient.
<b>Skin:</b>	Repeated or prolonged contact may cause defatting of the skin resulting in dryness, cracking and dermatitis.
<b>Inhalation:</b>	Unlikely to be hazardous by inhalation because of the low vapour pressure of the material at ambient temperature. Avoid breathing vapours or mists.
<b>Ingestion:</b>	Low oral toxicity.
<b>Effects of Chronic Exposure:</b>	Although this product has not been tested for chronic affects it is judged as having a low order of toxicity based on component information. Use of good industrial hygiene is recommended.
<b>Target organs:</b>	None known.
<b>Product information:</b>	Not established.

### 12. Ecological Information

<b>Potential effect on environment:</b>	Contributes to effluent BOD.
<b>Ecotoxicity:</b>	Low, but has a BOD contribution.
<b>Aquatic Toxicity:</b>	None established
<b>Mobility:</b>	Miscible in water, and likely to be transported considerable distances if allowed to ingress to water.

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**Persistence and degradability:** Not readily biodegradable.  
**Bio accumulative potential:** The product has low potential for bioaccumulation.

### 13. Waste Disposal

**Waste disposal methods:** Waste water contained emulsions must be pre-treated before discharge to sew or open water. Ultra-filtration, coagulation/settling or flotation processes are suitable; further details can be provided on request.  
**Empty container warnings:** Not needed.

### 14. Transport Information

These preparations are not classified as dangerous for transport according to international transport regulations; ADR/RID/IMDG/IATA.

### 15. Regulatory Information

Not classified as dangerous.

**EINECS:** All components of this product are listed in EINECS or ELINCS.

### 16. Other Information

**Information Contact:** Adkwik Ltd  
Unit F Dales Manor Business Park  
Grove Road  
Sawston  
CB22 3TJ

Telephone: 01223 412373  
Email: sales@adkwik.co.uk

**R-Phrases (Full text):** **R11** Highly flammable

This information is provided for making safety assessments and is not a sales specification or an indication of suitability for particular uses. It was compiled for uses such as those shown on the specific product data sheets; for significant different uses it is advisable to consult in case other precautions are then necessary.

The information given herein is believed to be accurate on the basis of our own independent tests, however we cannot accept liability for any damage, loss or patent infringement arising from its use.