

**Material Safety Data Sheet
PVA EMULSION BASED ADHESIVES**

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Issue: 1

This safety data sheet has been prepared in accordance with the requirements of E C Directive 88/379/EEC and 91/155/EEC and provides information relating to the safe handling and use of this product.

1) IDENTIFICATION & COMPANY:

Product name D2
Supplied by:
Cyanotec Ltd
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Pensnett Trading Estate
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2) CHEMICAL CONSTITUENTS

| Component Symbol | %wt | CAS | EINECS | Risk Phrase |
|---------------------|-------|-------------|-----------|-------------|
| Vinyl Acetate | <0.5% | 108-05-4 | 203-545-4 | R11 Xn |
| Poly Vinyl Alcohol | <5% | 25213-24-5 | | |
| Plasticiser | <5% | 120-55-88 | 204-407-6 | |
| | | 27138-31-4 | 248-258-5 | |
| | | 120-56-9 | 204-408-1 | |
| | | 20587-61-5 | 243-895-5 | |
| | | 125457-59-2 | NA | |

3) HAZARD IDENTIFICATION

This adhesive consists mainly of aqueous polymer

The following health hazards have however been identified:

- 3.1 Inhalation: No known hazard.
- 3.2 Ingestion: This adhesive is not poisonous in the accepted sense, but it should not be swallowed. If ingested seek medical advice.
- 3.3 Skin Contact: The use of barrier creams and protective clothing are recommended, as repeated contact with sensitive skin can cause dermatitis.
- 3.4 Eye Contact: This adhesive can cause eye irritation. The use of protective goggles to BS2092 is recommended if splashing is likely.

4) FIRST AID MEASURES:

When medical assistance is sort, explain the nature of the product involved. Always ensure that these notes are available to medical personnel.

4.1 Ingestion: Reassure the casualty. Encourage the drinking of water. Seek medical attention.

4.2 Eye Contact: Rinse with plenty of clean water. If discomfort or redness persists consult a Doctor.

4.3 Skin Contact: Wash of adhesive before it dries. Dried product should be removed using skin cleansers.

5) FIRE FIGHTING MEASURES:

This adhesive is non flammable. No restriction on firefighting media No special instructions.

6) Accidental Release Measures:

Spillages present little hazard, other than the risk of slippage.

Pump up large spillages. Smaller amounts can be absorbed in sand or sawdust for approved landfill or incineration.

7) HANDLING & STORAGE:

This adhesive must be stored in sealed containers, preferably between 10°C - 25°C.
Do not allow to freeze.

Use stock in rotation.

8) PERSONAL PROTECTION / EXPOSURE CONTROLS:

Follow protection advice given in section 3 above. No exposure control necessary.

9) Physical and Chemical Properties:

| | |
|----------------------------|--|
| Base: | PVA emulsion adhesive |
| Stabiliser: | Polyvinyl Alcohol |
| % Plasticiser (on polymer) | 10% |
| pH: | 4.5 – 5.5 |
| Specific Gravity @ 25°C | 1.07 |
| Viscosity @ 23°C | 120 - 200 poise (Brookfield RVF spindle 6) |
| Solid Contents | 40% |
| Storage: | 12 months in unopened containers |
| Colour: | White liquid. |

10) STABILITY AND REACTIVITY:

This adhesive is stable and does not react with materials into which it would normally come into contact with during storage or use.

11) TOXICOLOGICAL INFORMATION:

Assuming proper use no harmful effects have ensued.

12) ECOLOGICAL INFORMATION:

This adhesive must not be allowed to reach water sources in an unclean state.

13) DISPOSAL INFORMATION:

Dispose in sealed containers. Use an approved trade effluent contractor.

14) TRANSPORT INFORMATION:

Transport under conditions that prevent the adhesive from being exposed to freezing or temperatures over 30°C.

In case of accidental spillage follow instructions in section 6 above.

15) REGULATORY INFORMATION:

Labelling not required
Order relating to flammable liquid: Not applicable.

16) OTHER INFORMATION:

None.

05/2012