

Technical Information

Grade: S-G09/250 D2 PVA Wood Adhesive

SG-10 D2 PVA Wood Adhesive is a high quality PVA polymer emulsion based adhesive, for general assembly wood working applications, where bonds to BS4071 and BS5270: Part1: 1989, or EN204 D1 & D2 are required. This product exhibits very good adhesion to both soft & hardwoods and other porous materials such as papers and boards

This product is described under the chemical grouping of: vinyl acetate emulsion, stabilised with Polyvinyl Alcohol, and plasticised. CAS No: 9003-20-07 refers.

Properties:

Base:	PVA emulsion adhesive
Stabiliser:	Polyvinyl Alcohol
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 original unopened containers
Colour:	White liquid.

Information given in this data is based on work of others and ourselves. It is believed to be reliable, but as the end use and application of this product is outside our control, customers must fully evaluate its suitability before embarking on commercial use. We are unable to accept consequential loss or damage however caused.

Material Safety Data Sheet – PVA EMULSION BASED ADHESIVES

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 S-G09
Supplied by: Logic RC Ltd
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Hertfordshire
SG14 1QN
United Kingdom
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2) CHEMICAL CONSTITUENTS

Component	%wt	CAS	EINECS	Risk Phrase	Symbol
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 fire fighting 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