

OCI BHD

(Formerly Known as Orgavyl Chemical Ind. Bhd.)

TECHNICAL DATA OCI WOOD ADHESIVE

PAGE:01

PHYSICAL DATA

Appearance	:	Milky White
Solid Content	:	50 +/- 1%
Viscosity at 30 ° C	:	3700 +/- 100 cps
pH	:	4.0 - 5.5
Ethylene Content	:	14.0 - 16.0
Free Monomer	:	0.9Max
Tg (°C) by DSC	:	0 +/- 2

CHARACTERISTICS

- OCI / Orgafix Wood adhesive is a water based, non-toxic and non-corrosive that is excellent for most wood bonding applications.
- OCI / Orgafix Wood Adhesive is a EVAc emulsion with strong initial bond strength and bonds variety of porous substrates.
- After cured the OCI / Orgafix Wood Adhesive provide tough permanently flexible polymer film.
- It is specially formulated to obtain superb resistance to plasticizer migration, bond PVC effectively and it also has good creep resistance. It also provides adequate water and alkali resistance.
- Bonding and lamination of paper, leather, PVC film, cellulose fibers, fabric, foam, tiles, wood etc.
- OCI / Orgafix Wood Adhesive is most suitable for paper industry, hand made industry, light industry packaging industry, speaker industry, wood working industry and general purposes.

APPLICATION

- Wipe off moisture, oil and all other foreign matters on bonding surfaces.
- Apply a uniform and thin layer of wood adhesive to one or both bonding surfaces by using a slow roller or hand brush. Highest strengths are obtained when both surfaces are coated. Highly absorbent materials may require two coats.

- For bonding surfaces assemble under room temperature the recommended time is 10 to 15 mins.
- For bonding surfaces with higher absorbent rate the open time shall be shorter.
- After assemble apply suitable pressure on the bonding substrates.
- Bond strength can be fully obtained after 24 hours.
- Application should be carried out in a well ventilated area.

CAUTION

- Flush immediately with water for any spillage on skin.
- If spill on eye, flush immediately with water and seek oculist treatment immediately.
- Highly inflammable product.

STORAGE

- Provided the adhesive are stored dry and cool in air tight containers, the storage stability will be at least 9 months from day of delivery ex-works.

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