

TECHNICAL DATA SHEET

PRODUCT:"BULLDOG" UPVC SOLVENT CEMENT

CLEAR / BLUE



PRODUCT DESCRIPTION

"Bulldog" UPVC Solvent Cement is a High Pressure resisting, medium bodied cement used to join UPVC and PVC pipes upto 200 mm Dia. This Solvent Cement is resistant to water upto 60°C and can withstand upto 28 bar pressure at that temperature.

COMPOSITION

Solution of PVC Resin in Solvents with alongwith additives and colour if required.

APPLICATION AREAS

It is used mainly in the joining of UPVC & PVC plastic pipes to their fitting to form long lasting leakproof joints.

DIRECTIONS FOR USE

Apply a thin coat to both pipe and fitting. Insert the pipe into the fitting and rotate the pipe in the fitting, to spread the cement evenly. The pipe & fitting will stick in a short time; however give atleast 1 hours time before passing water through it and 6 hrs time for full cure and best results.

CLEANUP

Clean up with Acetone and Toulene.

DISCLAIMER

The information contained herein is given in good faith, based on our tests & knowledge of the product; as a guide. The responsibility is of the user to verify its usability for any application. The company, The Standard Products Mfg. Co. Mumbai, disclaims all warranties expressed or implied and takes no responsibilities for any loss or damage arising from the use of its products.

RELEVANT STANDARD

IS :14182:1994

Solvent Cement for Polyvinyl Chloride Plastic pipe and fittings.

For further information please contact:

The Standard Products Mfg. Co.

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Marol, Andheri (E), Mumbai – 400 059.

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PROPERTIES OF THE UNCURED

MATERIAL (when manufactured)

Chemical Nature : Solution of PVC Resin in Solvents.

Appearance : Clear

Density : 0.92 - 0.94 g/ml

Viscosity : 14-16 s in B6 Ford Cup
530-550 mPa.s by Viscometer

Skin dry Time : 13- 15 min

Full dry time : 20- 22 min

Shelf life : Best used within 2 year.

PROPERTIES OF THE CURED MATERIAL

Pressure test : No leakage in pipe joint at 15 (Hydrostatic Burst Strength) bar pressure after 1 hour curing & 28 bar after 2 hours curing

Lap shear strength (Minimum) 1.7 Mpa after 2 hours curing
3.4 Mpa after 10 hours curing
6.2 Mpa after 72 hours curing

Resistance to water: No change in film after 24 hrs. @ 60°C.

SAFETY INSTRUCTION

1. Keep away from children.
2. Avoid excessive contact with body. Clean with plenty of water in case of eye contact.
3. Cannot be ingested. Lethal if ingested.
4. Do not induce vomiting, in case of ingestion. Consult a physician immediately.
5. Contains solvents. Do not inhale or used in closed spaces.
6. Highly inflammable, keep away from heat & flame.