

TECHNICAL DATA SHEET

PRODUCT: "BULLDOG" CPVC SOLVENT CEMENT YELLOW



PRODUCT DESCRIPTION

"Bulldog" CPVC Solvent Cement is a High Pressure, High Temperature Medium Bodied Cement, which is used to join CPVC and UPVC pipes.

This Solvent Cement is resistant to hot and cold water. Can withstand upto 28 bar pressure at 100 C upto 200 mm dia pipes.

COMPOSITION

Solution of Chlorinated Polyvinyl Chloride (CPVC) in Solvents with additives and colour.

APPLICATION AREAS

It is used mainly in the joining of CPVC plastic pipes and fitting, which are suitable for hot water upto 100 C. It forms longlasting leakproof joints. Can also be used for UPVC and PVC Piping.

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 and fitting will stick in a short time; however give at least 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

ASTM F493
IS:14182-1994

For further information please contact:

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PROPERTIES OF THE UNCURED

MATERIAL (when manufactured)

Chemical Nature :	Solution of CPVC resin in solvents.
Appearance :	Golden yellow colour-opaque
Density :	0.93 - 0.96 g/ml
Viscosity :	29 - 33 s in B6 Ford Cup 625-700 mPa.s in Viscometer
Skin dry Time :	2.5 - 3.5 min
Full dry time :	7 - 8 min
Shelf life :	Best used within 2 years.

PROPERTIES OF THE CURED MATERIAL

Pressure Test (Hydrostatic Burst Strength) :	2.76 Mpa for 120 min at 23 C 3.60 Mpa for 6 min at 82 C 2.50 Mpa for 4 hours at 82 C
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. @100°c .
Toxicity :	Please refer Material Safety Data Sheet

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.