

FLO SAFE, INC.

THE COMPLETE CONTAINMENT PIPING SOLUTION

Flo Safe™ B (Bonded) Methacrylates Adhesive

Flo Safe, Inc. uses a Methacrylate adhesive with a 1:1 ratio toughened structural bond. It has been specially formulated to bond Flo Safe™ PVC fittings as well as other difficult to bond substrates. It exhibits superior durability in aggressive environments where resistance to aqueous chemicals, gasoline and fuels is required. The final adhesive bond has high shear, peel and impact resistance under a wide range of environmental conditions.

Product Features:

- Room temperature curing
- Little or no surface preparation
- Thixotropic / non-sagging
- Excellent chemical and environmental resistance
- Offers excellent tolerance to off-ratio mixing
- 100% reactive, no solvents
- Gap-filling to .125 inch

Product Data:

Physical Properties, (Uncured)

	<u>Adhesive</u>
Viscosity (cps)	50,000
Color	Off White
Weight, (lbs./gal)	8.10
Mixed Density (lbs./gal)	8.33
Flash Point	51°F
Mixed Viscosity	Non-sagging gel
Open Time (min.)	15-20 @ 72°F, 22°C
Assembly Time (min.)	20-25 @ 72°F, 22°C
Fixture Time (min.)	30-35 @ 72°F, 22°C
Functional Cure (hrs.)	4
Full Cure (hrs.)	24
Solvents	None

Performance Characteristics (Cured)

Bond Strength tensile shear (ASTM D1002)	1300 psi (stock failure)
Peel Strength (pli.)	30-35
Impact Strength (ft. lb./in.)	15-20
Operating Temperature	-67° to +250°F

Consult the factory for complete chemical resistance charts.