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9411 Corsair Road  
Frankfort, IL 60423  
1-800-552-0299 Phone  
1-815-464-5650 Fax

**EMERGENCY PHONE 1-800-255-3924**

## TECHNICAL DATA SHEETS

### MP 5250

#### Description:

**MP 5250** is a 2 component no mixing, fast curing structural adhesive. It bonds well to metals, plastics, ceramics, and woods. **MP 5250** is applied to one surface and activator to the other surface. Assemble both surfaces together and fixing is achieved within a few minutes. No-mixing required, no wasting of material, and maximum of reproducibly. **MP 5250** is high impact resistance, good peel and tensile strength, and resistance against gasoline, lubricants, water, and heat resistance up to 120°C. **MP 5250** is low irritating, low odor, free of acrylic esters and solvents, and not flammable.

#### Physical Properties:

Composition:	Methacrylate Resin
Appearance:	Viscous transparent amber
Viscosity:	30,000 Thixotropic
Specific weight at 25°C	1,1
Flash Point:	>80°C

#### Curing Properties:

Joint gap filling:	0.10-0.50 mm
Curing Time	
Handling strength:	0.5 – 4 minutes depending on Activator
Functional strength:	30 – 60 minutes
Full Strength:	24 hours
Shear strength:(ASTM 1002)	18 – 30 N/mn <sup>2</sup>
Tensile strength:(ASTM D-2096)	15 - 25 N/mm <sup>2</sup>
Impact strength:(ASTM D-950)	15 – 25 Nmm/mm <sup>2</sup>
Temperature range:	-50°C + 120°C
Shelf Life:	1 year

### Engineering Excellence

For technical information  
and support call **1-800-552-0299** or visit our website at

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