

Revised  
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## TECHNICAL DATA SHEETS

### MP 53301

#### Description:

**MP53301** is a low viscosity urethane acrylate system designed to provide excellent adhesion to plastic substrates. This product cures rapidly when exposed to mid range UV light, resulting in a tough, high peel and impact strength adhesive that bonds well to most plastics.

#### Uncured Properties:

Composition:	Modified Acrylic Resin
Viscosity @ 25°C, cps:	160
Color:	Clear
Flash Point:	>200°F
Solubility:	N/A
Toxicity:	Low

#### Cured Properties:

Hardness, Shore D:	60
Elongation, %:	20
Adhesion:	Excellent
Moisture Resistance:	Excellent

#### Cure Data:

With 200 Watt Light Bulb

<u>Thickness</u>	<u>Time</u>
.005"	1 to 2 Seconds
.010"	5 Seconds
.125"	15 Seconds
.250"	60 Seconds

#### Factors Affecting Cure:

- Never look directly at any UV source.
- Wear protective goggles and clothing.
- Dark surfaces lengthen cure time.
- Do not expose bare skin to high intensity UV light.
- Use in well ventilated area.
- Some UV sources generate ozone. Light Welder lamps do not.
- Provide shielding around high intensity UV sources.
- High intensity UV sources generate heat.
- Take appropriate precautions.

#### Storage:

Store below 25°C out of sunlight and in original unopened containers. Refer to packaging specific quote for shelf life information.

### Engineering Excellence

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

**[www.instantca.com](http://www.instantca.com)**