

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