

# Industrial Coatings

Technical Data Sheet

## Joncryl<sup>®</sup> RPD 950-B Polyol



<b>Product Description</b>	Joncryl <sup>®</sup> RPD 950-B is a rapid property development (RPD) acrylic polyol for polyurethane coating applications.
<b>Key Features &amp; Benefits</b>	<ul style="list-style-type: none"><li>- <i>Balance of early hardness, fast cure, and pot life</i></li><li>- <i>Exceptional flow and leveling properties</i></li><li>- <i>Early buffability</i></li><li>- <i>Superior clarity and DOI</i></li><li>- <i>Excellent gloss</i></li><li>- <i>Excellent exterior durability</i></li><li>- <i>Very low in-can color</i></li><li>- <i>Low VOC capability</i></li></ul>
<b>Chemical Composition</b>	RPD acrylic polyol

### Properties

<b>Typical Properties</b>	Appearance	clear liquid
	Non-volatile at 150°C (0.5g, 60 minutes)	~ 60.0 %
	Hydroxyl number	~ 110
	Viscosity at 25.0°C (Brookfield #4LV, 30 rpm, 30 seconds)	1,000 – 8,000 cps
<b>Typical Characteristics</b>	Density at 25°C	8.51 lbs/gal
	Equivalent weight as supplied, on solids	837, 510
	Tg	27°C (81°F)
	Solvent	n-Butyl Acetate
	Freeze-thaw stable	Yes

These typical values should not be interpreted as specifications.

### Applications

Joncryl<sup>®</sup> RPD 950-B is a specialty acrylic polyol with rapid property development for solventborne 2K polyurethane systems in automotive refinish and general industrial applications. This polyol, when crosslinked with either Basonat<sup>®</sup> HI 100 or HI 190 B/S aliphatic polyisocyanate, provides fast cure with early hardness development and a long pot life. Joncryl<sup>®</sup> RPD 950-B offers early buffability for automotive refinish applications.

Joncryl<sup>®</sup> RPD 950-B is recommended for applications such as:

- Interior/exterior automotive refinish applications
- Interior/exterior refinish primer surfacer
- Interior/exterior general metal coating applications
- Interior/exterior plastic coatings to polycarbonate and other plastics

## Safety

### General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State, and Local health and safety regulations, thorough ventilation of the workplace, good skin care, and wearing of protective goggles.

### Material Safety Data Sheet

All safety information is provided in the Material Safety Data Sheet for Joncryl® RPD 950-B.

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