

# Joncryl® 100

<b>Product Description</b>	Joncryl 100 is a low VOC, universal grind and letdown acrylic colloidal solution for paper and envelope printing applications.
<b>Key Features &amp; Benefits</b>	<ul style="list-style-type: none"><li>- Low VOC</li><li>- Excellent resolubility and press stability</li><li>- Reduced paper curl</li></ul>
<b>Chemical Composition</b>	Acrylic colloidal solution

## Properties

<b>Typical Properties</b>	Appearance	clear to slightly hazy liquid
	Non-volatile at 125°C (2g, 30 minutes)	~ 36.5%
	pH at 25°C	~ 8.4
	Viscosity at 25°C (Brookfield #3LV, 30 rpm, 60 seconds)	~ 2,000 cps
	Molecular weight (Mw)	30,000
	Acid number (NV)	95
	Density at 25°C	1.07 g/cm <sup>3</sup>
	MFFT	15°C
	Tg	- 7°C
	Freeze-thaw stable	Yes
	Total VOC	0.1% wt

\* These typical values should not be interpreted as specifications.

## Application

Joncryl 100 is a low VOC acrylic colloidal solution designed as a sole vehicle for black envelope inks. It is also effective at reducing paper curl and enhancing resolubility when used as a letdown in paper ink formulations.

Joncryl 100 is recommended for applications such as:

- Printing inks for flexographic or gravure applications

## Safety

<b>General</b>	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.
<b>Safety Data Sheet</b>	All safety information is provided in the Safety Data Sheet for Joncryl 100.

## Storage

Please refer to the “Handling and Storage of Polymer Dispersions” brochure.

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### **BASF Corporation**

Dispersions and Resins

11501 Steele Creek Road

Charlotte, North Carolina 28273

Phone: (800) 251 – 0612

Email: [CustCare-Charlotte@basf.com](mailto:CustCare-Charlotte@basf.com)

Email: [edtech\\_info@basf.com](mailto:edtech_info@basf.com)

