

# Joncryl<sup>®</sup> 631

<b>Product Description</b>	Joncryl 631 is a high-hiding, Rheology Controlled (RC) acrylic emulsion for printing ink applications.
<b>Key Features &amp; Benefits</b>	<ul style="list-style-type: none"><li>- Improves ink brightness and color intensity</li><li>- Reduces pigment loading</li><li>- Opacity</li></ul>
<b>Chemical Composition</b>	RC acrylic emulsion

## Properties

<b>Typical Properties</b>	Appearance		opaque emulsion
	Non-volatile	%	50.0
	pH at 25°C		7.9
	Viscosity at 25°C	cps	2,500
	Molecular weight (Mw)		> 200,000
	Acid number (NV)		25
	Density at 25°C	g/cm <sup>3</sup>	1.05
	MFFT	°C	> 60
	Tg	°C	105
	Freeze-thaw stable		Yes
	Total VOC	% wt	< 0.1

These typical values should not be interpreted as specifications.

## Applications

Joncryl 631 is a hard, non-film forming, controlled particle size RC acrylic emulsion designed to hide the brown background of natural kraft substrates. This emulsion, when used as a letdown vehicle, results in more intense, brighter printed colors. The semi-opaque nature of Joncryl 631 allows for the reduction of pigment levels as well as inorganic extenders.

Joncryl 631 is recommended for applications such as:

- Printing inks for flexographic or gravure applications

## 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.

**Safety Data Sheet** All safety information is provided in the Safety Data Sheet for Joncryl 631.

## Storage

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

## Important

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