

# Joncryl® 633

<b>Product Description</b>	Joncryl 633 is an acrylic emulsion that enables clean, brightly colored inks on corrugated board and other natural kraft substrates.
<b>Key Features &amp; Benefits</b>	<ul style="list-style-type: none"><li>- <b>High opacity</b></li><li>- <b>Good resolubility</b></li><li>- <b>Good water and rub resistance</b></li></ul>
<b>Chemical Composition</b>	Styrene acrylic emulsion

## Properties

<b>Typical Properties</b>	Appearance		white, opaque emulsion
	Non-volatile	%	37.0
	pH at 25°C		7.2
	Viscosity at 25°C	cps	600
	Molecular weight (Mw)		> 200,000
	Acid number (NV)		60
	Density at 25°C	g/cm <sup>3</sup>	1.05
	MFFT	°C	> 50
	Tg	°C	104
	Freeze-thaw stable		Yes
	Total VOC	% wt	< 0.1

These typical values should not be interpreted as specifications.

## Applications

Joncryl 633 is a styrene acrylic emulsion that can be used to manufacture inks for corrugated board and kraft bags. Inks formulated with Joncryl 633 enable bright, clean colors on off-white substrates. It can also be used as a partial substitute for TiO<sub>2</sub> in ink formulations for paper and board substrates.

Joncryl 633 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.
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<b>Safety Data Sheet</b>	All safety information is provided in the Safety Data Sheet for Joncryl 633.
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## Storage

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

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