

# Joncryl® 2153

<b>Product Description</b>	Joncryl 2153 is a hard, non-film forming, Rheology Controlled (RC) acrylic emulsion for printing ink and overprint varnish applications.
<b>Key Features &amp; Benefits</b>	<ul style="list-style-type: none"><li>- <b>Fast dry</b></li><li>- <b>Viscosity stability in inks</b></li><li>- <b>Resolubility</b></li></ul>
<b>Chemical Composition</b>	RC acrylic emulsion

## Properties

<b>Typical Properties</b>	Appearance		semi-translucent emulsion
	Non-volatile	%	49.0
	pH at 25°C		8.4
	Viscosity at 25°C	cps	700
	Molecular weight (Mw)		> 200,000
	Acid number (NV)		50
	Density at 25°C	g/cm <sup>3</sup>	1.05
	MFFT	°C	60
	Tg	°C	75
	Freeze-thaw stable		Yes
	Total VOC	% wt	0.8

These typical values should not be interpreted as specifications.

## Applications

Joncryl 2153 is a hard, non-film forming, RC acrylic letdown emulsion designed to provide excellent stability and drying speed in ink formulations for paper and paperboard applications. It is ideal for high speed packaging gravure ink formulations.

Joncryl 2153 can also be used to control the drying speed to meet press requirements, while producing sharp line work and precise process dots.

In addition, Joncryl 2153 can also be used to formulate overprint varnishes for paper and paperboard applications.

Joncryl 2153 is recommended for applications such as:

- Printing inks for flexographic, gravure, or lithographic applications
- Overprint varnishes for commercial, publication, or packaging 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 2153.

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## **Storage**

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

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