

# Printing & Packaging

## Functional Packaging Coatings

Technical Data Sheet

### Joncryl® 74-A



<b>Product Description</b>	Joncryl® 74-A is soft film forming, Rheology Controlled (RC) acrylic emulsion for printing ink, overprint varnish, and functional packaging coating applications.
<b>Key Features &amp; Benefits</b>	- Grease resistance - Rub resistance - High slide angle
<b>Chemical Composition</b>	RC acrylic emulsion

#### Properties

<b>Typical Properties</b>	Appearance	translucent emulsion
	Non-volatile at 145°C (2g, 60 minutes)	~ 48.5 %
	pH at 25°C	~ 8.5
	Viscosity at 25°C (Brookfield #2LV, 30 rpm, 30 seconds)	~ 900 cps
	Molecular weight (Mw)	> 200,000
	Acid number (NV)	50
	Density at 25°C	1.03 g/cm <sup>3</sup>
	MFFT	< 5°C
	Tg	- 16°C
	Freeze-thaw stable	Yes
	Total VOC	~ 1.0% wt

These typical values should not be interpreted as specifications.

#### Applications

Joncryl® 74-A is a soft film forming, RC acrylic emulsion that provides film formation and excellent rub, water, and grease resistance to ink, overprint varnish, and functional packaging coating formulations. Additionally, this product allows the manufacture of high slide angle coatings for folding carton and multi-wall bag applications.

Joncryl® 74-A is recommended for applications such as:

- Printing inks for flexographic or gravure applications
- Overprint varnishes for packaging applications
- Functional packaging coatings for barrier or film/foil 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® 74-A.

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