

# Joncryl<sup>®</sup> 1685-A

<b>Product Description</b>	<i>Acrylic emulsion for use in heat resistant water-based inks and overprint varnishes</i>
<b>Key Features &amp; Benefits</b>	<i>- Excellent heat resistance - Good gloss and clarity</i>
<b>Chemical Composition</b>	Acrylic emulsion

## Properties

<b>Typical Characteristics</b>	Non-volatile	%	43.5
	Appearance		semi-translucent emulsion
	Molecular weight (wt. av.)		< 200,000
	Viscosity at 25°C	mPa.s	350
	pH		9.5
	Density at 25°C	g/cm <sup>3</sup>	1.07
	Minimum film-forming temperature	°C	< -5
	Glass transition temperature	°C	< -20
	T <sub>g</sub> (DSC)		
	Freeze / thaw-stable		yes

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

## Applications

Joncryl 1685-A has been designed to provide excellent heat resistance in water-based overprint varnishes and flexographic and gravure inks. The product shows excellent adhesion properties on absorbing and non-absorbing substrates including aluminum foil. In addition, it will also provide good gloss and clarity.

## 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 1685-A.

## Important

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