

# Joncryl<sup>®</sup> HPD 196 MEA

<b>Product Description</b>	Joncryl HPD 196 MEA is a high-performance acrylic resin solution for pigment dispersion applications.
<b>Key Features &amp; Benefits</b>	<ul style="list-style-type: none"><li>- <b>High pigment concentrations</b></li><li>- <b>Very good dispersion and ink viscosity stability</b></li><li>- <b>Cost effective</b></li></ul>
<b>Chemical Composition</b>	Styrene acrylic resin solution

## Properties

<b>Typical Properties</b>	Appearance		yellow to amber liquid
	Non-volatile	%	41.5
	pH at 25°C		8.5
	Viscosity at 25°C	cps	3.500
	Molecular weight (Mw)		9,200
	Acid number (NV)		200
	Density at 25°C	g/cm <sup>3</sup>	1.08
	Tg	°C	92
	Freeze-thaw stable		Yes
	Total VOC	% wt	7.8

These typical values should not be interpreted as specifications.

## Application

Joncryl HPD 196 MEA is a solution of a mid-range molecular weight acrylic resin in water and mono-ethanol amine. This solution is specifically designed to disperse organic pigments at high concentrations without compromising ink viscosity stability. In addition, it allows the manufacturing of color concentrates with 35% or higher pigment loading at very low viscosities.

Joncryl HPD 196 MEA is recommended for applications such as:

- Pigment dispersions

## 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 HPD 196 MEA.
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## Storage

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

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