Joncryl® 2664

Product Description **Joncryl 2664 is a film forming, Rheology Controlled (RC) acrylic emulsion for printing ink applications.**

Key Features & Benefits
- Excellent resolubility
- Enables high pigment levels
- Transfer and gloss

Chemical Composition **RC acrylic emulsion**

Properties

Typical Properties

Appearance		translucent emulsion
Non-volatile	%	43.5
pH at 25°C		9.3
Viscosity at 25°C	cps	550
Molecular weight (Mw)		> 200,000
Acid number (NV)		170
Density at 25°C	g/cm³	1.03
Tg	°C	16
Freeze-thaw stable		Yes
Total VOC	% wt	13.8

These typical values should not be interpreted as specifications.

Applications

Joncryl 2664 is a film forming RC acrylic emulsion designed to allow the formulation of high strength inks for fine-line anilox printing. High quality, low viscosity inks with 20 – 25% pigment loads can easily be achieved to produce high intensity colors on flexo presses with anilox rolls over 800 lines per inch and under 2.0 BCM volumes.

The viscosity stability, transfer, adhesion, and gloss properties of Joncryl 2664 make it a suitable vehicle for ink formulations on paper, film, and foil substrates.

Joncryl 2664 is recommended for applications such as:
- Printing inks for flexographic or gravure applications

Processing Since Joncryl 2664 contains dimethylethanolamine (DMEA), inks for film and foil substrates should be overprinted if severe water resistance is a requirement.

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 2664.

Storage

Please refer to the “Handling and Storage of polymer dispersions” brochure.

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