

Joncryl[®] ECO 75

Product Description	Joncryl ECO 75 is a general purpose, mid-range molecular weight, glycol ether-free* resin for pigment dispersion, low odor inks, and overprint varnish applications.
Key Features & Benefits	<ul style="list-style-type: none">- Ultra low VOC and HAPS free- Promotes gloss and resolubility- Low odor
Chemical Composition	Acrylic resin solution
	<i>*The glycol ether level in this product averages less than 0.002 weight percent.</i>

Properties

Typical Properties

Appearance		clear yellow liquid
Non-volatile	%	33.5
pH at 25°C		8.5
Viscosity at 25°C	cps	2,000
Molecular weight (Mw)		5,700
Acid number (NV)		222
Density at 25°C	g/cm ³	1.07
Tg	°C	103
Freeze-thaw stable		Yes
Total VOC	% wt	0.2

These typical values should not be interpreted as specifications.

Application

Joncryl ECO 75 is a 33.5% solids, glycol ether-free, low VOC, solution of Joncryl ECO 675. Solutions of this product can be used to formulate pigment dispersions that enhance gloss, holdout, and resolubility in low odor inks and overprint varnishes.

Joncryl ECO 75 is recommended for applications such as:

- Pigment dispersions
- Low odor printing ink applications
- Low odor overprint varnishes for packaging applications

Joncryl ECO polymers allow the formulator to develop ultra-low VOC, glycol ether-free products to meet industry standards. These polymers provide an 80% reduction in VOC compared to conventional water-based polymers. They are ideal for demanding packaging applications like the confectionary and food packaging markets that cannot tolerate solvent odor contamination. Additionally, the excellent compatibility and printability of Joncryl ECO polymers makes them an ideal system for next generation inks and overprint varnishes.

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 ECO 75.

Storage

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

Important

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