

Joncryl[®] Wax 30

Product Description	Joncryl Wax 30 is a polyethylene emulsion for printing inks, overprint varnish, and functional packaging coating applications.
Key Features & Benefits	<ul style="list-style-type: none">- Excellent rub characteristics- High melting point- Small particle size- FDA compliance*
Chemical Composition	Polyethylene wax emulsion
	<i>*The full FDA status is available upon request from the contact information provided below</i>

Properties

Typical Properties	Appearance		tan liquid
	Non-volatile	%	35.0
	pH at 25°C		9.2
	Viscosity at 25°C	cps	50
	Average particle size	µm	0.08
	Density at 25°C	g/cm ³	1.00
	Melting point	°C	132
	Freeze-thaw stable		No
	Total VOC	% wt	3.5

* These typical values should not be interpreted as specifications.

Application

Joncryl Wax 30 is a 35% solids polyethylene wax emulsion that improves the rub resistance of water-based inks and coatings without significant loss of gloss often associated with polyethylene wax additions. It offers the formulator an FDA compliant*, fine particle size wax emulsion that can be used to enhance rub and scuff resistance in a wide range of applications including high gloss clear overprint varnish, flexographic ink, and gravure ink.

Joncryl Wax 30 is recommended for applications such as:

- Printing inks for flexographic or gravure applications
- Overprint varnishes for commercial, publication, or packaging applications
- Functional packaging coatings for barrier or heat-seal 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 Wax 30.

Storage

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

Important

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