

Joncryl[®] Wax 28

Product Description Joncryl Wax 28 is a polyethylene emulsion for printing inks, overprint varnish, and functional packaging coating applications.

Key Features & Benefits

- *Excellent rub characteristics*
- *High melting point*
- *Small particle size*
- *FDA compliance**

Chemical Composition Polyethylene wax emulsion

**The full FDA status is available upon request from the contact information provided below*

Properties

Typical Properties

Appearance		tan liquid
Non-volatile	%	34.0
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 28 is a 34% 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 28 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 28.

Storage

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

Important

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