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# Joncryl<sup>®</sup> HPB 1631-A

**Product Description** Joncryl HPB 1631-A is a glycol ether free acrylic copolymer emulsion for use in water-based low COBB and low MVTR barrier coatings for paper and board applications.

**Key Features & Benefits**

- Low VOC
- Glycol ether free
- Low MVTR
- Low COBB
- Good water resistance

**Chemical Composition** A Styrene Acrylic Emulsion

## Properties

<b>Typical Properties</b>	Appearance	semi-translucent emulsion
	Non-volatile at 145°C (2g, 60 minutes)	~ 39.0%
	Molecular Weight (wt. av.)	> 200,000
	pH at 25°C	~ > 9.0
	Viscosity at 25°C	~ 1250 cps
	Acid Value (on solids)	50 mg KOH/g
	Density at 25°C	1.02g/cm <sup>3</sup>
	Minimum Film-forming Temperature	<5 °C
	Glass Transition Temperature Tg (DSC)	<5°C
	Freeze/Thaw Stable	No

\* These typical values should not be interpreted as specifications.

## Application

Joncryl HPB 1631-A is a film-forming emulsion that is glycol ether free and low VOC. It provides low MVTR and low COBB when a closed coating can be formed on paper surfaces. It can be formulated with co-binders and additives but please note that all additions can have a strong effect on the obtained MVTR/COBB values.

## 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 HPB 1631-A.

## Storage

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

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### Important

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