

# Joncryl<sup>®</sup> BRC 9630

**Product description** Universal self x-linking acrylic dispersion for interior wood coating with high wet film clarity and excellent chemical and scratch resistance

**Key benefits**

- Containing 10% renewable carbon
- Very high chemical resistance
- High wet film clarity
- Excellent grain enhancement
- Excellent scratch resistance
- Small particle size
- Good hardness development
- High UV irradiation stability supports exterior use on substrates with dimensional stability

**Chemical nature** Self x-linking acrylic dispersion

## Properties

**Physical form** Translucent dispersion

<b>Technical data</b> (not supply specification)	Solid content	38.5 – 40.5 %
	Viscosity, dynamic	20 – 300 mPa.s
	pH value	7.0 – 8.0
	Minimum Film Forming Temperature	DIN 53787 ~ 35 °C
	Freeze/thaw-stable	no

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## Application

Joncryl® BRC 9630 is a self x-linking dispersion with very fine particle size and excellent grain enhancement. It also provides well balanced chemical resistance and a good scratch resistance for interior wood coating formulations.

### Formulation guideline

To ensure good film formation, the dispersion needs to be coalesced with common film forming agents, like butyl glycol (BG), propylene glycol n-butyl ether (PnB), butyl di glycol (BDG), or with a mixture of film forming agents to optimize the performance of the dispersion. A total concentration of approx. 6-8 % on dispersion as supplied is recommended.

To reduce VOC content of the paint it can be useful to add a plasticizer to the formulation which remains in the film. Good results can be achieved with Loxanol® CA 5336. This product also shows a positive impact on blocking resistance.

To improve substrate wetting, it is advised to use a suitable wetting aid like Hydropalat® WE 3221 or Hydropalat® WE 3225. As defoamer FoamStar® ST 2438 or FoamStar® SI 2299 are effective for spray applications. To adjust rheology of Joncryl® BRC 9630 we recommend using Rheovis® PU 1191 or Rheovis® PU 1291 as associative thickener or Rheovis® HS 1212.

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## Storage

This product should be stored in tightly sealed original packaging at temperatures between 5 °C and 40 °C.

This product must be protected from frost.

### Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

### Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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