

# Joncryn<sup>®</sup> 1980

<b>general</b>	self-crosslinking acrylic emulsion for interior wood applications
<b>key features &amp; benefits</b>	<div>excellent chemical resistance</div> <div>good scratch and mar resistance</div> <div>cold-check resistance</div> <div>low VOC</div> <div>good appearance</div>
<b>chemical nature</b>	self-crosslinking acrylic emulsion

## Properties

<b>appearance</b>	semi-translucent emulsion
<b>typical characteristics</b> <i>(should not be interpreted as specifications)</i>	<div>solids by weight39%</div> <div>viscosity at 25 °C (Brookfield)150 mPa.s</div> <div>specific mass as supplied1.031 kg/m<sup>3</sup></div> <div>pH8.6</div> <div>acid value (on solids)18 mg KOH/g</div> <div>glass transition temperature T<sub>g</sub> (DSC)74 °C</div> <div>minimum film-forming temperature56 °C</div> <div>freeze/thaw-stableno</div>

## Application

Joncryn<sup>®</sup> 1980 is a self-crosslinking acrylic emulsion which can be used to formulate low VOC coatings. Joncryn<sup>®</sup> 1980 emulsion offers scratch, chemical and crack resistance. Joncryn<sup>®</sup> 1980 emulsion can be used on wood and hardboard substrates.

## Formulation guidelines

### Coalescing

A good combination of coalescing solvents for Joncryl® 1980 is 6% Solvenon® PnB and 2% Texanol<sup>1</sup> or 6% Solvenon® PnB and 2% Solvenon® DPnB (on delivery form binder) which provides good film formation and hardness development.

Joncryl® HPD 1980 EN TDS (02-2020)

### 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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