

# JONCRYL® 8224

## Key features and benefits

- fast drying and hardness development
- good appearance and resistance
- excellent (hot) block resistance and stackability
- adhesion to various substrates including melamine, UV coatings and galvanised metal

**a rheology controlled acrylic emulsion for use in industrial applied lacquers for furniture and flatstock or metal primers**

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## General information

### Typical physical characteristics (not to be considered specifications)

appearance	translucent emulsion
solids by weight	45%
viscosity (Brookfield)	70 mPa.s
specific mass as supplied	1,050 kg/m <sup>3</sup>
pH	7.7
Acid value (solids)	53
minimum film-forming temperature	10 °C (50 °F)
freeze/thaw-stable	yes

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## Applications

JONCRYL® 8224 is developed for application in clear primers and topcoats for furniture and flatstock.

## Performance

Due to its excellent stackability, drying speed and fast hardness development, JONCRYL® 8224 can be used in high speed lines. JONCRYL® 8224 has good adhesion to a variety of substrates, including melamine, UV coated substrates and galvanized metal. JONCRYL® 8224 has excellent (hot) block resistance, fast stackability, fast hardness development and good chemical resistance.

## Formulation guidelines

### Coalescing

JONCRYL® 8224 can be coalesced with a mix of 10% Butylglycol/Dowanol<sup>1</sup> DPnP 1:1, calculated on delivery form JONCRYL® 8224. Best properties with JONCRYL® 8224 are obtained after drying minimal 10 minutes at 40°C or higher. For low temperature film-forming, higher coalescing solvent amounts are recommended.

### Matting

Good results are obtained with 2% Acematt<sup>2</sup> TS-100 silica matting agent, but also other matting agents can be used with success. Higher amount of silica matting agent can result in lower film clarity.

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## Safety

When handling these products, advice and information given in the safety data sheet must be complied with. Further, protective and workplace hygiene measures adequate for handling chemicals must be observed.

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## 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. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

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<sup>1</sup> registered trademark of The Dow Chemical Company

<sup>2</sup> registered trademark of Degussa