

# Joncryl® 8111 ap

## General

Joncryl® 8111 ap is the first 1K self-crosslinking pure acrylic dispersion for wood coating with local development and supply, and it is recommended to primer and even topcoat application.

## Key features & benefits

- Excellent sandability for primer application
- Good dry film clarity and wood grain enhancement for clear coat
- Fast drying, good block resistance, minimize fiber raising
- Good hardness & chemical resistance for better protection
- Low coalescent demand, low odor film, APEO free, more eco-friendly

## Chemical nature

Pure acrylic dispersion

## Properties

### Appearance

semi-translucent milky liquid

### Typical characteristics

*(should not be interpreted as specifications)*

Solid by weight	41.0 %
Viscosity (25°C, Brookfield LV 1#, 60rpm)	40 mPa.s
Special gravity	1.04 g/cm³
MFFT	33°C
pH value	8.0
Freeze/thaw stability (-5°C)	Stable

## Application

Joncryl® 8111 ap is one of the dispersions for water-based industrial wood coating with the better performance in use, suitable for primer or even topcoat, both clear coat or pigmented. Joncryl® 8111 ap is developed mainly for Asia Pacific furniture market. With the optimum design on the molecular structure and self-crosslinking system, Joncryl® 8111 ap could help formulator to achieve excellent sandability, high hardness, and good block resistance. In the meantime, coalescent could be less possible. Joncryl® 8111 ap also well perform in dry film clarity, wood grain enhancement, and anti-fiber raising.

## Formulation guideline

Due to the MFFT, it is recommended to add common coalescent, such as DPnB, DPM, Butyl diglycol, etc. The typical addition level is 3%~5% based on dispersion supply form.

## Storage

This product should be stored in tightly sealed origin package at temperatures above 0°C. This product must be prevented from frost for a long time.

For further detailed application information please contact our Technical Support Department.

### 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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