

Joncryl® OH 8770 ap

General

Joncryl® OH 8770 ap is a hydroxyl acrylic dispersion, which is suitable for extremely high gloss wood finishes.

Key features & benefits

Fast drying, quick hardness development, high end hardness
 Less isocyanates demand, lower formula cost & less foaming tendency
 More self-crosslinking, better chemical resistance
 High gloss and clarity for better film build
 Excellent stackability for on-site application
 Long pot-life with isocyanates
 Good weathering resistance for high durability
 APEO free, naphtha free, ecological

Chemical nature

OH-functional acrylic dispersion

Properties

Appearance

Milky white liquid

Typical characteristics

(should not be interpreted as specifications)

Solid by weight	45 %
Viscosity (25°C, Brookfield LV 1#spindle, 20 rpm)	60 mPa·s
Specific gravity	1.06 g/mL
OH content (on solids)	3.8 %
OH value	127 mg KOH/g solids
MFFT	72°C
pH value	6.5
Freeze-thaw stability (-18°C)	Stable

Application

Joncryl® OH 8770 ap is an APEO & naphtha free OH-functional acrylic dispersion developed and supplied from Asia Pacific. It performs fast drying, quick hardness development, excellent block resistance, and high end hardness. It needs less isocyanates as it is introduced with more self-crosslinking technology, which help to reduce the formula cost and keep the good chemical resistance as well. Joncryl® OH 8770 ap contains many hydroxyl groups and shows good dry film clarity, so it is recommended to use in high-end wooden furniture and kitchen cabinet with high gloss level.

Formulation Guidelines

Recommend using coalescent, such as BDG, DPM and TPnB etc. The typical dosage is about 5% ~ 7% based on the dispersion supply form.

Storage

The product must be kept at more than 0°C with sealed package and 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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