

Joncryl® HYB 6345 ap

General

Joncryl® HYB 6345 ap is a new developed polyurethane acrylic dispersion, shows excellent scratch resistance, smooth film touch and high dry film clarity, suitable for mid-tier/high-end topcoat for wood finishes.

Key features & benefits

- Excellent scratch resistance for high durability
- Fast hardness development for block resistance
- Delicate and smooth touch, slip agent free
- High gloss and high clarity for better film build
- Good chemical resistance for better protection

Chemical nature

polyurethane acrylic dispersion

Properties

Appearance

semi-translucent milky liquid

Typical characteristics

(should not be interpreted as specifications)

Solid by weight	36 %
Viscosity (25°C, Brookfield LV 1#, 60rpm)	30 mPa.s
Special gravity	1.04 g/mL
MFFT	35°C
pH value	8.0
Freeze/thaw stability (-5°C)	Not stable

Application

Joncryl® HYB 6345 ap targets for 1K improved performance demand in waterborne industrial wood finishes and is recommended for furniture application. Joncryl® HYB 6345 ap shows excellent scratch resistance, fast hardness development, good chemical resistance, and make the long-lasting film. It performs delicate and smooth touch, high gloss, high clarity, so it is recommended for mid-tier/high-end topcoat for wood finishes, especially for clear coat with high film build.

Formulation guideline

It contains 1% DPM in the dispersion. Considering the film forming at low temperature, it is recommended to add common coalescents like DPnB, BCS, etc. The typical addition level should be 5-7% based on dispersion supply form.

Storage

This product should be stored in tightly sealed original package at temperatures above 0°C. This product must be protected 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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