

# Joncryl® HYB 6336

## General

Joncryl® HYB 6336 is an ecological “NMP” free aliphatic polyurethane acrylic hybrid for high-quality water-based wood & 3C coatings

## Key features & benefits

excellent abrasion, scratch and chemical resistance  
excellent film clarity  
good film build and appearance  
good orientation for aluminum pigment  
broad adhesion on wood, and plastics etc  
NMP free, ecological

## Chemical nature

polyurethane acrylic dispersion

## Properties

### Appearance

semi-translucent milky liquid

### Typical characteristics

*(should not be interpreted as specifications)*

solid by weight	36.5%~38.5%
viscosity at 25 °C (Brookfield)	<=200 mPa·s
pH value	7.8~8.6
specific gravity	1.03 g/mL
MFFT	40 °C
freeze/thaw-stable (-5 °C)	Not stable

## Application

Joncryl® HYB 6336 is developed for application in clear topcoats for high-quality industrial wood coatings and silver base coat for 3C coatings.

## performance

Due to its excellent appearance, drying speed and resistance properties, Joncryl® HYB 6336 is suitable to replace solvent-based coatings in high-quality finishes. Joncryl® HYB 6336 has excellent appearance and clarity, good chemical resistance, fast hardness development and scratch resistance.

## Formulation guidelines

### Coalescent

Joncryl® HYB 6336 is best coalesced with 2.5% Solvenon® PnB and 5% Texanol<sup>1</sup> calculated on delivery form.

### Matting

Good results were obtained with 1.5% Acematt<sup>2</sup> TS 100 on dry binder, higher amounts could have a result on the film clarity. To further reduce the gloss we recommend the use of Ultralube<sup>3</sup> D-819.

<sup>1</sup>Registered trademark of Eastman Chemical Company.

<sup>2</sup>Registered trademark of Evonik Industries.

<sup>3</sup>Registered trademark of Keim Additec Surface GmbH.

## 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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