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Joncryl® OH 8311

General

Joncryl® OH 8311 is a rheology controlled acrylic polyol emulsion (water-based) for ambient-curing two-component urethane wood/metal coatings.

Key features & benefits

- 3.6 % OH on solid resin
- Crosslinkable with isocyanates
- Adhesion to a broad variety of substrates
- Good outdoor durability
- Excellent application rheology

Chemical nature

Hydroxyl functional acrylic emulsion

Properties

Appearance

Translucent emulsion

Typical characteristics
(should not be interpreted as specifications)

Non-volatile content	ISO 3251	~ 42 %
Viscosity	ASTM D-1824-72	< 200 mPa·s
pH value	ASTM E-70-07	~ 7.5
Density, as supplied	EN ISO 2811-2	~ 1.04 g/cm
Density, mass solids		~ 1.09 g/cm³
Hydroxyl (solids)		~ 3.6 %
Hydroxyl number on solids		~ 120 mg KOH/g
Acid value (on solids)	ISO 2114	~ 30 mg KOH/g
Minimum film-forming temperature	ISO 2115	~ 50 °C
Glass transition temperature Tg (DSC)		~ 67 °C

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.

BASF Advanced Chemical Co., Ltd.
No. 300 Jiang Xin Sha Rd, Pudong, Shanghai, China