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Joncryl® OH 8312

General

a hydroxyl functional reactive dispersion for water-based two-component high-quality industrial furniture coatings for kitchen and bathroom applications.

Key features & benefits

- long pot-life up to 6 hours
- crosslinkable with polyisocyanates
- low coalescing solvent levels
- excellent chemical resistance (ammonia, ethanol, alcohol-red wine and coffee)
- good scratch resistance
- good hardness development
- good block resistance
- good adhesion

Properties

Appearance

white emulsion

Typical characteristics
(should not be interpreted as specifications)

solids by weight	44 % (in water)
viscosity at 25 °C (77 °F) (Brookfield)	300 mPa.s
hydroxyl (solids)	3 %
hydroxyl number on solids	100 mg/KOH/g
specific mass as supplied	1,040 kg/m^3
pH	8.0
acid value (solids)	9
minimum film-forming temperature	~ 48 °C (118 °F)

Applications

Joncryl® OH 8312 is designed as a sustainable reactive dispersion which can be easily mixed with waterbased polyisocyanates like, Basonat® HW 180 PC, for high-quality durable coatings for example, kitchen and bathroom furniture.

Joncryl® OH 8312 can be used in industrial coating applications for high-quality topcoats for semi- or high- gloss applications in both clear and pigmented systems.

Properties

Joncryl® OH 8312 offers long pot life up to 6 hours, making it easy to handle during application. In combination with Basonat® HW 180 PC, Joncryl® OH 8312 has good film-formation at low temperatures and with lower coalescing solvents compared with other commercially available systems.

Joncryl® OH 8312 gives good block resistance at room temperature for good stackability of the coated panels during production. Joncryl® OH 8312 has excellent chemical resistance (ammonia, ethanol, coffee and red wine) as well as good gloss and high-durability (scratch resistance).

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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