

Hydropalat[®] WE 3485

(old: HYDROPALAT[®] 885)



The Chemical Company

general

wetting agent for aqueous paint systems

In aqueous solution, Hydropalat[®] WE 3485 is a very good wetting agent for polymer dispersions. Hydropalat[®] WE 3485 exhibits very good solubility in water and good compatibility in various polymer systems. Hydropalat[®] WE 3485 contains none of the flammable cosolvents needed to improve the solubility of other, conventional sulfocarboxylic acid-based surfactants.

chemical nature

modified sulfocarboxylic acid ester

Properties

physical form

viscous liquid

shelf life

subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 2 years.

typical properties (no supply specification)

solids	~ 85%
pH value (1 %)	~ 6
Sodium sulfate	~ 0.5%
2-ethylhexanol	< 0.5%

Application

Hydropalat[®] WE 3485 is used as a wetting agent in paints, printing inks and similar systems, primarily in aqueous coatings. Due to its excellent wetting properties, Hydropalat[®] WE 3485 is especially suitable for wetting difficult substrates such as plastic and metal surfaces, cellophane, aluminum and plastic films, siliconized paper and glass.

in aqueous overprinting inks, Hydropalat[®] WE 3485 makes offset inks easier to overprint. Hydropalat[®] WE 3485 is also particularly suitable for use as a wetting agent in coatings that will come into contact with food.

Hydropalat[®] WE 3485 was specially developed to prevent impairment of the sensory properties of coatings or paints. If it is desirable to improve a dispersion's mechanical stability as well as its wetting properties, Hydropalat[®] WE 3485 can be used in combination with highly ethoxylated nonionic emulsifiers (Disponil LS, TA, NP or APE types).

recommended concentrations

in general the concentration of added active substance should be between 0.5 and 3% relative to the dispersion. Depending on the application, much higher concentrations can be used. Hydropolat® WE 3485 can be blended into any phase of the paint production process. In pigmented systems, optimal wetting characteristics can be achieved by adding Hydropolat® WE 3485 prior to the grinding stage while stirring vigorously.

Safety

When handling these products, 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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