

# Efka<sup>®</sup> PB 2001

(old: Perenol<sup>®</sup> E 1)



## general

Silicone-free defoamer for non-aqueous coatings, printing inks and especially for highly viscous coatings based on 2-pack epoxy, unsaturated polyester and PUR systems

In paint systems difficult to defoam (e.g., PUR paints), Efka<sup>®</sup> PB 2001 can be combined with additives improving leveling, e.g., Efka<sup>®</sup> FL 3740 or Efka<sup>®</sup> FL 3741.

## chemical nature

solution of vinyl polymer in organic solvents

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## Properties

### physical form

clear colorless to slightly yellow liquid

### shelf life

When stored under the usual appropriate storage conditions, the product can be stored for 2 years.

### typical properties (no supply specification)

solid content	~ 26%
density at 20 °C (68 °F)	~ 0.82 g/cm <sup>3</sup>
Brookfield viscosity at 23 °C (73 °F)	~ 100 mPa . s

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## Application

- nitrocellulose lacquers, particularly those applied on curtain coaters
- 1- or 2-pack acid-curable wood coatings, particularly fast-drying ones applied on curtain coaters
- 2-pack PUR paints applied by spraying or brushing
- paints based on acrylic resins
- air-drying paints based on epoxy resins
- unsaturated polyester resins

### recommended concentrations

usually 0.05 – 0.50% based on the finished paint, depending on the paint system

Pigmented systems usually require less Efka<sup>®</sup> PB 2001 than clear varnishes. The defoamer is added to the finished paint while stirring vigorously. Because of the multitude of raw materials and additives available for the manufacture of non-aqueous coatings, as well as the numerous possible ways of formulating them, the user should carry out appropriate tests.

**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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