

FoamStar® PB 2724

(old: Dehydran® 240)



general

FoamStar® PB 2724 is a defoamer with wetting properties for aqueous industrial paints and coatings. It is free from mineral oil and silicon oils.

When used in emulsion paints, FoamStar® PB 2724, on account of its chemical structure, offers a number of advantages, such as:

- improvement of stability
- stability against temperature fluctuations
- easier dispersion of pigments
- lower water absorption, improved resistance against water marks
- improvement of flow and film properties

chemical nature

modified polyalkylene glycol

Properties

physical form

clear yellowish-brownish liquid

shelf life

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

typical properties (no supply specification)

density at 20 °C (68 °F)	~ 0.97 g/cm ³
Water content	~ 0.1%
alkali value	~ 1.25
hydroxyl value	~ 88
cloud point (in butyl diglycol/water)	~ 52°C

Application

FoamStar® PB 2724 is used as a foam-inhibiting wetting agent in the manufacture of emulsion paints and other polymer emulsions. It can also be used as a defoamer in printing pastes (for textile printing) and in glues applied in printing plants. Furthermore, FoamStar® PB 2724 may also serve as an ingredient in the manufacture of anti-foaming agents for numerous fields of application. It is particularly effective in emulsion paints containing finely dispersed acrylic or polyvinyl acetate homopolymers or copolymers as binding agents.

recommended concentrations

When manufacturing emulsion paints it is advisable to add FoamStar® PB 2724 to the pigment paste together with Dehydran® C, Dehydran® F, Dehydran® G or appropriate other defoamers. Addition to the unpigmented polymer emulsion is also possible.

FoamStar® PB 2724 can be used undilutedly. With water, instable emulsions can be achieved. FoamStar® PB 2724 is insensitive to acids and lyes. The amount required depends on the intended application and should be determined in appropriate tests. In emulsion paints it is generally 0.5 – 2.5% calculated on the total formula.

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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