

EFKA[®] RM 1410

Product description Rheology modifier for medium-polarity solvent-base and solvent-free systems

Key benefits

- Liquid form, easy handling
- Thixotropic flow behavior combining anti-sagging and leveling effects
- High thickening effectiveness
- No influence to gloss and haze
- Good compatibility with systems

Chemical nature Solution of a modified urea

Properties

Physical form Clear to slightly turbid and yellowish liquid

Technical data

(no supply specification)

Active substance	~ 52%
Density 20°C	~ 1.18 g/ml
Solvents	Dimethyl sulfoxide
Flash point	~ 91°C

Application

The product is highly suited for medium polarity solvent-base and solvent-free coatings where thixotropic rheology behavior and minimized influence on gloss and haze are looking for.

The product is also used in ambient curing resin systems for preventing sedimentation in filled, reactive casting resin systems such as epoxy, polyurethane, acrylate and polyester resins.

Formulation guideline

0.2-2% additive (as supplied) based on the total formulation depending on polarity and solids of the formulatiuon as well as the technical requirements (anti-settling or anti-sagging).

The additive should be added into system under moderate shear stirring to ensure a homogeneous and quick distribution. It is not necessary to specifically control the temperature. The additive can be added into mill base, and also possible as a post-additive to adjust the viscosity.

When using in reactive, catalyzed and cellulose nitrate containing systems, the storage stability should be tested.

Storage

The product should be stored in tightly sealed container, and away from moisture. Slightly turbidity might happen but no influence on rheological effectiveness.

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Validity

This technical data sheet is valid for all versions of the EFKA® RM 1410

Safety

When handling the mentioned products, please comply with the advice and information given in the safety data sheets 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 products, 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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