

DeuRheo 211F

Rheological Additive

GENERAL INFORMATION

DeuRheo 211F is an aromatic free polyethylene wax dispersion anti-settling agent, which can be handled easily and dispersed rapidly.

CHEMICAL & PHYSICAL PROPERTIES

Composition	polyethylene wax
Appearance	White to slight yellow paste
Non-volatile content	9.5 - 10.5 %
Solvent	n-butyl acetate / methyl cyclohexane
Specific gravity	ca. 0.86

These are typical properties not to be used for specification purposes.

APPLICATIONS

- Alkyd / Melamine
- Acrylic / Melamine
- Epoxy resin
- Vinyl resin
- PU
- Lacquer
- Metallic paint

KEY PROPERTIES

- Aromatic free.
- To prevent settling and hard sedimentation of pigments without affecting apparent viscosity.
- To maintain stable viscosity during storage.
- Needs no chemical activation for achieving thixotropy.
- Little affect on film gloss, water resistance.
- No side effect of yellowing.
- No side effect of drying speed.
- With its stir-in property **DeuRheo 211F** is especially suitable as a post-added additive for non-grinding pigments such as aluminium flakes, silica flattening agents and fluorescent pigments.

INCORPORATION

DeuRheo 211F can be added at any stage in the paint making procedure. When it is used as a post corrective agent, sufficient mixing (20 - 60 °C) is necessary.

The product should be tightly closed, otherwise it would appearance crusting or dry up, please remove it, in order to get the good results.

To prevent uniform concern, suggest to mixing or suitable shaking before use.

LEVELS OF USE

1.0 - 5.0 % based on total formulation.

HEALTH AND SAFETY

As it contains solvents, the product requires special care in handling.

Avoid any eye and skin contact.

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

STORAGE RECOMMENDATIONS

Keep away from sources of ignition and heat, as well as container tightly closed in a dry and well-ventilated please.

Stored between 0 °C to 40 °C.

Use it when temperature goes back to 25 °C, it might become slightly thickening while storage temperature near 0 °C

Packaging not to be exposed directly under heat radiation.

continued...

DeuRheo 211F

SHELF LIFE

DeuRheo 211F has a shelf life of 12 months from date of manufacture.

QUALITY ASSURANCE

Quality system at the site manufacturing this product complies with and is certified to ISO 9001 quality standards.

NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchasers will be subject to a separate agreement which will not incorporate this document.

© Copyright 2025, Elementis Specialties, Inc. All rights reserved. Copying and/or downloading of this document or information therein for republication is not allowed unless prior written agreement is obtained from Elementis Specialties, Inc.

© Trademark of Elementis Specialties, Inc.

V04 Mar. 2025

North America

Elementis
469 Old Trenton Road
East Windsor
NJ 08512, USA
Tel.: +1 609 443 2500
Fax: +1 609 443 2422

Europe

Elementis UK Ltd.
Porto Business Plaza
Santos Pousada Street, 290
4300-189, Porto, Portugal.

Asia

Deuchem (Shanghai) Chemical Co., Ltd.
99, Lianyang Road
Songjiang Industrial Zone
Shanghai, China 201613
Tel.: +86 21 5774 0348
Fax: +86 21 5774 3563