

# DeuRheo 219

## Rheology Modifier

### DESCRIPTION

DeuRheo 219 is a special polyamide wax dispersion, which prevents pigment or filler settling and sagging.

### TYPICAL PROPERTIES

These values are used as reference. For detailed product specifications, please contact our distributor or sales department.

Composition	: polyamide wax
Appearance	: slight yellow soft paste
Non-volatile content	: 19 - 21%
Solvent	: xylene and alcohols
Specific gravity	: ca. 0.89

### FEATURES

- Minimum effect on film gloss and less seeding tendency.
- Imparts strong thixotropic properties and anti-sagging effect than conventional additives especially in high film-build coatings.
- Micaceous iron oxide, zinc dust and anti-corrosive pigments, the sedimentation is easy to re-disperse.
- To enhances flake orientation of metallic and pearlescent pigments.
- High speed disperser is sufficient to incorporate this additive.
- Processing temperature ranging from 20 to 40°C.

### APPLICATIONS

- solvent-based coatings
- solvent-based ink
- sealers
- UV curing

### DOSAGE & USE

- 1.0 - 5.0% based on total formulation.

Alkyd resin	1 - 3%
Epoxy paint	2 - 5%
Chlorinated rubber paint	2 - 5%
Acrylic resin paint	1 - 2%
PU	1 - 3%
Unsaturated Polyester	1 - 3%
UV curable system	1 - 3%

- Pre-mix of **DeuRheo 219** with solvent and binder is recommended to achieve desired thixotropic structure.
- Use a high-speed mixer to incorporate **DeuRheo 219** into a mixture of solvent and binder with peripheral speed 4 m/sec or higher. (Within 60 min. and 40°C, prefer 25 - 35°C and 30 - 40 min.).
- Ensure complete dispersion of the additive and prevent over-grinding.
- Can be used in solvents such as xylene, toluene, butyl glycol, butanol, butyl acetate etc.

### PACKAGE

Net Weight: 15 kg

The data presented is the result of careful and extensive research. However, since the actual conditions under which the materials may be used are beyond our control, no warranty of any kind, expressed or implied, concerning the use of the products is made.

## **STORAGE**

- Keep away from sources of ignition and heat.
- Keep container tightly closed in a dry and well-ventilated place.
- Stored between 0°C and 40°C (use it when temperature goes back to 25°C).
- Packaging not to be exposed directly under heat radiation.

## **SAFETY**

- As it contains a solvent, the product requires special care in handling.
- Avoid any eye and skin contact.
- For further information please check MSDS.

## **NOTE**

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