

## DeuRheo 2810

### Rheological Additive

#### GENERAL INFORMATION

**DeuRheo 2810** is a liquid rheology modifier for solvent based coatings. It does not require specific activation temperature while incorporated.

#### CHEMICAL & PHYSICAL PROPERTIES

Composition	modified polyurea
Appearance	yellow-brown liquid
Non-volatile content	50 - 54 %
Solvent	n-methyl pyrrolidone
Specific gravity	ca. 1.11
Dynamic viscosity	200 - 600 cP (25 °C)
Refractive index	1.51 - 1.52 (25 °C)

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

#### APPLICATIONS

- Epoxy paints
- Polyurethane coatings
- Acrylic paints

#### KEY PROPERTIES

- **DeuRheo 2810** can build up a three-dimensional structure after being mixed into the coating system. The resulting thixotropic flow characteristics prevent settling and sagging.
- To maintain thixotropy of diluted paint, prevent settling of pigment and filler during application.

#### INCORPORATION

Grinding with pigment or post addition by high speed mixing.

Adding some alcohols is helpful for dispersing of **DeuRheo 2810**.

#### LEVELS OF USE

For anti-setting : 0.1 - 0.3 % based on total formulation.

For sag control : 0.5 - 1.0 % based on total formulation.

#### HEALTH AND SAFETY

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 place.

Stored between 0 °C to 40 °C.

Below 5 °C, appearance may be solid, please heat(water bath) to liquid then stir to uniform.

It is sensitive to moisture and should therefore be stored in its sealed original containers.

#### SHELF LIFE

**DeuRheo 2810** has a shelf life of 12 months from date of manufacture.

#### QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

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#### 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.  
c/o Elementis GmbH  
Stolberger Strasse 370  
50933 Cologne, Germany  
Tel.: +49 221 2923 2066  
Fax: +49 221 2923 2011

#### 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