

## DeuRheo WT-201

### Waterborne Rheological Additive

#### GENERAL INFORMATION

**DeuRheo WT-201** is a waterborne associative thickener. It provides high viscosity at high and middle shear rate with good flow and leveling.

#### CHEMICAL & PHYSICAL PROPERTIES

Composition	non-ionic polyurethane compound
Appearance	white to slight yellow, slight hazy liquid
Non-volatile content	48 - 52 %
Solvent	diethylene glycol monobutyl ether / water
Specific gravity	ca. 1.06
Dynamic viscosity	3000 - 6000 cP (25 °C)

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

#### APPLICATIONS

- Waterborne coatings
- Latex
- Adhesive
- Textile printing
- Leather finishes
- Printing inks

#### KEY PROPERTIES

- Excellent thickening effect.
- Good flow and leveling.
- Better scrub resistance.
- Thickening behaviour is not affected by pH value.
- Excellent resistance to bacterial degradation.

#### INCORPORATION

A combination with other rheology modifier can improve flow and leveling.

Can be added directly when properly mixed.

For easier to use, pre-diluted with water or co-solvent at 4/1 ratio is recommended.

#### LEVELS OF USE

0.1 - 2.0 % 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 place.

Stored between 20 to 40 °C.

When below 20 °C the appearance may become gel or seeding, please heat (water bath) to clear then stir to uniform.

#### SHELF LIFE

**DeuRheo WT-201** has a shelf life of 18 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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