

DeuRheo WT-115

Waterborne Rheological Additive

GENERAL INFORMATION

DeuRheo WT-115 is a highly efficient alkali swellable acrylic associate thickener (HASE). It is easy to use with excellent thickening effect flowing leveling. It is spatter resistance at roller application and syneresis resistance.

CHEMICAL & PHYSICAL PROPERTIES

Composition	anionic-polyacrylate
Appearance	milky to pink liquid
Non-volatile content	29 - 31 %
Solvent	water
Specific gravity	ca. 1.04
Dynamic viscosity	≅ 20 cP (25°C)
pH value	3.5 – 5.5 (as received)

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

APPLICATIONS

- Latex paints
- Waterborne coatings
- Textile printings
- Waterborne silk screen inks
- Waterborne adhesives

KEY PROPERTIES

- Excellent thickening effect in the condition of alkalinity.
- To provide high viscosity in middle shear rate.
- Good flowing and leveling.
- APEO (alkyl phenol ethoxylate) free and solvent free.
- Good compatibility with generally water borne resin and syneresis resistance.

INCORPORATION

DeuRheo WT-115 is suitable for various rheology properties with another thickener.

Formulate thinner **DeuRheo WT-115** with water (1/1 - 1/5 weight), stirring to uniform then adding to binder system, to adjust pH value (7.5 - 10.0) with alkali (like DMAE).

LEVELS OF USE

0.1 - 2.0 % based on total formulation.

HEALTH AND SAFETY

DeuRheo WT-115 is acid solution, 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.

Store between 5°C to 40°C.

SHELF LIFE

DeuRheo WT-115 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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