

Solvent free liquid polyurethane thickener

HEUR Polyurethane Thickener

**Typical Characteristics**

Specific gravity	1.04
Nature	Water soluble non ionic polyurethane
Appearance	Viscous whitish liquid
Solid Content (%)	20
Active Content (%)	20
pH	7
Brookfield viscosity (mPa.s)	2 500
Solvent	Water

**Description**

Coapur™ 2501 is a non-ionic, associative and solvent free polyurethane (HEUR) rheology modifier providing a pure Newtonian rheology to water-borne systems. Coapur™ 2501 allows to adjust selectively high shear viscosities and thus ensures excellent film build, spatter resistance and levelling together flexibility of use.

**Recommended addition level**

Its typical dosage is between 0.5% and 3% (as delivered on total formulation weight). It should be added at levels between 0.5 and 1.5% depending on the rheological profile of the co-thickener, when used in combination, or between 1 and 3% when used as sole thickener.

**Standard Packaging**

*Other packaging may be available upon request*

- 1000L IBC
- 220L Drum

**Handling & Storage**

It should be protected from the effects of weathering and stored between 5 and 40°C and sheltered from direct sun exposure. Once opened, packaging should be resealed immediately after use.

To be easily pumpable, Coapur™ 2501 should be used about 20°C.

In these conditions, this product should be used within 12 months from delivery.

**Health and environmental data**

For safe handling please refer to the Safety Data Sheet. For more information about health and environmental data, please contact Coatex.

**Adhesives and Sealants**

- Pressure Sensitive Adhesives

**Coatings And Inks**

- Architectural Coating
- Graphic Arts
- Industrial Coatings
- Textile And Leather Coating
- Traffic Paint

**Key Benefits****Formulation**

- Color acceptance
- Compatibility
- Easy handling

**Storage**

- Syneresis resistance
- Viscosity stability

**Application**

- Film build
- Spatter resistance
- Brushability

**Film Properties**

- Anticorrosion
- Gloss
- Levelling

**Other**

- APEO free
- Heavy metal free
- Solvent-free

**Thickening mechanism**

Non Associative  
Self Association  
Associative

**Viscosity contribution**

Low Shear contribution  
Mid Shear contribution  
High Shear contribution

**PVC**

PVC Low  
PVC Mid  
PVC High

