COAPUR™ 2501

ADHESIVES AND SEALANTS

COATINGS AND INKS

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

It 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 profil of the cothickener, 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 expose. Once opened, packaging should be resealed immediatly 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

Storag

- 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

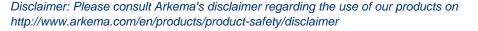
Low Shear contribution $\bullet \bullet \Diamond \Diamond \Diamond$ $\bullet \bullet \Diamond \Diamond \Diamond$ High Shear contribution $\bullet \bullet \bullet \Diamond \Diamond \Diamond$

PVC

 PVC Low
 ♦♦♦♦♦

 PVC Mid
 ♦♦♦♦♦

 PVC High
 ♦♦♦♦♦



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