COAPUR™

TECHNICAL DATA SHEET

COAPUR™ 2501

Solvent free liquid polyurethane thickener

HEUR Polyurethane Thickener

TYPICAL CHARACTERISTICS

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

MARKETS

Coatings & Inks
- Graphic Arts
- Architectural Coating
- Industrial Coating
- Textile & Leather Coating
- Traffic Paint

Adhesives & Sealants
- Pressure Sensitive Adhesives

KEY BENEFITS

FORMULATION
- Color acceptance
- Compatibility
- Easy handling

STORAGE
- Syneresis resistance
- Viscosity stability

APPLICATION
- Film build
- Spatter resistance
- Brushability

FILM PROPERTIES
- Gloss
- Rub out
- Levelling

SAFER SOLUTIONS
- APEO Free*
- Heavy Metal Free*
- MIT Free*
- Solvent Free*

** Not intentionally added but not specifically measured (not part of product specification)*

THICKENING MECHANISM

Associative
Non Associative
Self Association

VISCOSITY CONTRIBUTION

High Shear contribution
Low Shear contribution
Mid Shear contribution

COAPUR™ 2501

PVC

PVC Low
PVC Mid
PVC High

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