

## TECHNICAL DATA SHEET

### COAPUR™ 3025

Solvent free liquid polyurethane thickener

**HEUR Polyurethane Thickener**

#### TYPICAL CHARACTERISTICS

Nature	<b>Water soluble non ionic polyurethane</b>
Appearance	<b>Viscous whitish liquid</b>
Solid Content (%)	<b>25</b>
Active Content (%)	<b>25</b>
pH	<b>7</b>
Brookfield viscosity (mPa.s)	<b>6000</b>
Specific gravity	<b>1.04</b>
Solvent	<b>Water</b>

#### DESCRIPTION

Coapur™ 3025 is a solvent-free and APEO free pure associative polyurethane thickener (also called HEUR, NISAT or NSAT). It provides a pure Newtonian rheology to water-borne systems. It allow to adjust selectively high shear viscosities and thus ensures excellent film build, spatter resistance and leveling together with low dosage and flexibility of use.

#### RECOMMENDED ADDITION LEVEL

It typical dosage is between 0.5 and 3% (dry it on total formulation weight). It addition should occur 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 immediatly after use. To be easily pumpable, Coapur™ 3025 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

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

##### Adhesives & Sealants

- Other Adhesives
- Pressure Sensitive Adhesives

#### KEY BENEFITS

##### FORMULATION

- Color acceptance
- Post addition
- Ready to use



##### STORAGE

- Viscosity stability
- In-can appearance
- Syneresis resistance



##### APPLICATION

- Film build
- Spatter resistance
- Brushability



##### FILM PROPERTIES

- Rub out
- Levelling
- Anticorrosion



##### SAFER SOLUTIONS

- APEO Free\*
- Heavy Metal Free\*
- Solvent Free\*

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

#### THICKENING MECHANISM

Associative  
Non Associative  
Self Association



VISCOSITY CONTRIBUTION



PVC



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