

## TECHNICAL DATA SHEET

# COAPUR™ 6050

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>50</b>
Active Content (%)	<b>30</b>
pH	<b>6</b>
Brookfield viscosity (mPa.s)	<b>8000</b>
Specific gravity	<b>1.05</b>
Solvent	<b>Water</b>

### DESCRIPTION

Coapur™ 6050 is an associative polyurethane allowing fine rheological adjustment of flat or semi gloss paints. Coapur™ 6050 characterized by its thickening efficiency at low shear rate, is the logical complement to Coapur™ 3025.

### RECOMMENDED ADDITION LEVEL

Use levels: 0.2% to 2% of dry product of total weight of formulation.

### STANDARD PACKAGING

Other packaging may be available upon request

- 1000L IBC • 220L Drum

### HANDLING & STORAGE

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

#### Composites & Advanced Materials

- Graphic Arts

#### Coatings & Inks

- Architectural Coating
- Industrial Coating
- Textile & Leather Coating

#### Adhesives & Sealants

- Assembly
- Other Adhesives
- Sealants

### KEY BENEFITS

#### FORMULATION

- Ready to use
- Compatibility
- Easy handling



#### STORAGE

- Antisettling
- In-can appearance
- Viscosity stability
- Syneresis resistance



#### APPLICATION

- Sag resistance
- Sprayability
- Brushability



#### FILM PROPERTIES

- Water resistance
- Gloss
- Transparency



#### SAFER SOLUTIONS

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

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

### 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 

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