

TECHNICAL DATA SHEET

COAPUR™ 2740

Solvent free liquid polyurethane thickener

HEUR Polyurethane Thickener

TYPICAL CHARACTERISTICS

Nature	Water soluble non ionic polyurethane
Appearance	Viscous whitish liquid
Solid Content (%)	22
Active Content (%)	22
pH	7
Brookfield viscosity (mPa.s)	2500
Specific gravity	1.03
Solvent	Water

DESCRIPTION

Coapur™ 2740 is a solvent and Alkyl Phenol Ethoxylate (APE) free associative polyurethane thickener designed for water based formulations. Coapur™ 2740 can be used sole or in combination either with other polyurethane thickeners or with any type of rheology modifiers such as acrylic or cellulosic thickeners, acting at low shear rates.

Coapur™ 2740 is a pure associative thickener. It is designed to interact strongly with the binder of the formulation, in order to control the rheology at high shear rates. Coapur™ 2740 helps to match the highest coating quality possible for water-based formulations.

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. 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
- Traffic Paint

Adhesives & Sealants

- Other Adhesives
- Pressure Sensitive Adhesives

KEY BENEFITS

FORMULATION

- Color acceptance
- Compatibility
- Easy handling



STORAGE

- Syneresis resistance
- Viscosity stability



APPLICATION

- Brushability
- Film build
- Rollability



FILM PROPERTIES

- Levelling
- Gloss
- Rub out



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

High Shear contribution 
Low Shear contribution 
Mid Shear contribution 

PVC

PVC Low 
PVC Mid 
PVC High 

Headquarters: Arkema France
51, Esplanade du Général de Gaulle
92800 Puteaux – France
T +33 (0)1 49 00 80 80