

Typical Characteristics

Nature	Aqueous dispersion of an acrylic copolymer
Appearance	Low viscous white milky liquid
Solid Content (%)	28
Active Content (%)	28
pH	3.2
Specific gravity	1.04
Solvent	Water

Description

VISCOATEX™ 560 is a formaldehyde-free, APEO-free, Heavy metal-free and Solvent-free non associative thickener designed for use in adhesives, paints, sealants and mastics. VISCOATEX™ 560 imparts robustness versus variations of ingredients such as latex type, surfactant and co-solvent.

Recommended addition level

0.1 - 1.5 % as supplied based on total formulation weight.

Standard Packaging

Other packaging may be available upon request

- 1000L IBC
- 220L Drum
- Bulk

Handling & Storage

It can be irreversibly altered by frost. It should be protected from the effects of weathering, stored between 5 and 40°C and protected from direct sun exposure. Once opened, packaging should be resealed immediately after use. In these conditions, this product should be used within 6 months from delivery.

Processing instructions

Supplied as a low viscosity liquid emulsion, VISCOATEX™ 560 is very easy to handle. No predissolution, elimination of lumps or warming is required. VISCOATEX™ 560 may be used either at the beginning of the formulation or in the pigment grinding or in the finished product to adjust the final viscosity. The pH of the formulated product must be controlled to obtain good performance and reproducible viscosity.

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.

Adhesives & Sealants

- Assembly
- Other Adhesives
- Sealants

Coatings & Inks

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

Key Benefits

Formulation

- Cost in use
- Easy handling
- Color acceptance

Storage

- Syneresis resistance
- Antisettling
- In-can appearance

Application

- Brushability
- Rollability
- Sag resistance

Film Properties

- Gloss
- Hiding power/Opacity
- Rub out

APEO free: Yes

Bacteria resistance: Yes

Heavy metal free: Yes

Solvent-free: Yes

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	●●●●○○