RHEOTECH™

TECHNICAL DATA SHEET

RHEOTECH™ 146

Acrylic thickener for water-based systems

ASE Acrylic Thickener

TYPICAL CHARACTERISTICS

Nature	**Aqueous dispersion of an acrylic copolymer**
Appearance	**Low viscous white milky liquid**
Solid Content (%)	**28**
Active Content (%)	**28**
pH	**3**
Specific gravity	**1.05**
Solvent	**Water**

DESCRIPTION

Rheotech™ 146 is a non associative thickener designed for use in adhesives, paints, sealants and mastics.

RECOMMENDED ADDITION LEVEL

Typical addition level is between 0.2 to 1.5 % as supplied on total formulation weight.

STANDARD PACKAGING

Other packaging may be available upon request

- 1000L IBC
- 200L Drum
- Bulk

HANDLING & STORAGE

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

PROCESSING INSTRUCTIONS

Supplied as a low viscosity liquid emulstion, it is very easy to handle. No predissolution, elimination of lumps or warming required. 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. Rheotech™ 146 can be used in many kinds of aqueous adhesives, paints, sealants & mastics. The pH of the formulated product must be controlled to obtain good performance and reproducible viscosity.

MARKETS

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

Adhesives & Sealants
- Assembly
- Sealants
- Wet Glue Adhesive
- Wood Adhesive

KEY BENEFITS

FORMULATION
- Cost in use
- Easy handling
- Color acceptance

STORAGE
- Syneresis resistance
- Antisettling
- In-can appearence
- Viscosity stability

APPLICATION
- Brushability
- Rollability
- Sag resistance

FILM PROPERTIES
- Gloss
- Rub out
- Stain resistance

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

RHEOTECH™ 146

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.

VISCOSITY CONTRIBUTION

Low Shear contribution
Mid Shear contribution
High Shear contribution

PVC

PVC Low
PVC Mid
PVC High

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