

TECHNICAL DATA SHEET

POLYPHOBE® TR-116

Acrylic associative thickener for water-based systems

HASE Acrylic Thickener

TYPICAL CHARACTERISTICS

Nature	Acrylic copolymer in aqueous dispersion
Appearance	Low viscous white milky liquid
Solid Content (%)	39
Active Content (%)	39
pH	3
Specific gravity	1.08
Solvent	Water

DESCRIPTION

Polyphobe® TR-116 is a liquid high-efficiency rheology modifier for imparting premium rheology in architectural and industrial waterborne coatings. Polyphobe® TR-116 is used in interior and exterior waterborne coatings formulations.

STANDARD PACKAGING

Other packaging may be available upon request

- 1000L IBC
- 220L Plastic Drum

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 immediately after use.

In these conditions, this product should be used within 6 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

KEY BENEFITS

FORMULATION

- Color acceptance
- Cost in use
- Easy handling



STORAGE

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



APPLICATION

- Brushability
- Dilution resistance
- Film build



FILM PROPERTIES

- Rub out
- Stain resistance
- Hiding power/Opacity



SAFER SOLUTIONS

- 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

Mid Shear contribution
High Shear contribution
Low Shear contribution



POLYPHOBE® TR-116

PVC

PVC Low
PVC Mid
PVC High



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