

TECHNICAL DATA SHEET

POLYPHOBE® TR-117

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 (%)	40
Active Content (%)	40
pH	3
Specific gravity	1.08
Solvent	Water

DESCRIPTION

Polyphobe® TR-117 is a liquid premium rheology modifier designed to provide maximum high-shear viscosity for improved film build. Polyphobe® TR-117 is used in interior and exterior waterborne coatings formulation.

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. This product can be irreversibly altered by frost. 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

- High Shear contribution
- Low Shear contribution
- Mid Shear contribution



POLYPHOBE® TR-117

PVC

PVC Low
PVC Mid
PVC High



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