

# POLYPHOBE® TR-117

Acrylic associative thickener for water-based systems

## HASE Acrylic Thickener

### TYPICAL CHARACTERISTICS

Nature	<b>Acrylic copolymer in aqueous dispersion</b>
Appearance	<b>Low viscous white milky liquid</b>
Solid Content (%)	<b>40</b>
Active Content (%)	<b>40</b>
pH	<b>3</b>
Specific gravity	<b>1.08</b>
Solvent	<b>Water</b>

### 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.

### MARKET

#### Coatings & Inks

- Architectural Coating
- Graphic Arts
- 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

- **Hiding power/Opacity**
- **Rub out**
- **Stain resistance**



- **Bacteria resistance**
- **Heavy metal free**
- **Solvent-free**

**Yes**  
**Yes**  
**Yes**

### THICKENING MECHANISM

Associative  
Non Associative  
Self Association



### VISCOSITY CONTRIBUTION

High Shear contribution  
Low Shear contribution  
Mid Shear contribution



### PVC

PVC High  
PVC Mid

