



## Product Information

**Product Name:**Rheology Modifier T40

T40 is a nonionic hydrophobically modified ethylene oxide urethane (HEUR) rheology modifier designed for waterborne architectural, industrial and functional coatings. It is a product of APEO and OrganoTin free.

T40 provides high efficiency for KU viscosity and is compatible with acrylic, styrene-acrylic and vinyl-acrylic latexes, and can be used in interior and exterior paints, and provides alkyd-like flow and leveling, film formation, water resistance, excellent spatter resistance, high gloss development and high thickening efficiency.

### Features and Benefits:

Good in-can appearance, high KU efficiency

APEO and OrganoTin free, an environmental friendly product

Excellent flow and leveling, uniform film formation, spatter resistance

Water resistant, excellent application hiding and full gloss development

Supplied as low viscosity liquid, easy to handle and incorporate during latex paint manufacturing process

Bio-stable and resistant to microbial attack

### Typical Physical Properties:

Item	Range
Chemical type	Nonionic HEUR
Appearance	Hazy liquid
Solids, weight %	17.5
Carrier	Butyl Carbitol/Water
As supplied viscosity, cP	2000 - 4000
Density, lb/gallon	8.4-8.8

\* Data presented above are typical values and should not be construed as specifications

### Dosage and Incorporation :

T40 can be used in a variety of latex paint formulations, and is compatible with other rheology modifiers. When used in low-PVC latex paints made with small particle size hydrophobic acrylic and styrene/acrylic binders, T40 is particularly suited in combination with high shear ICI viscosity builders such as T20 and T30 in flat through gloss formulations. T40 can be used as a sole thickener for both KU and ICI viscosity when used in latex paints based on large particle size vinyl-acrylic binders.

### Application:

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### Storage

Subject to appropriate storage under the usual storage and temperature conditions, this product is durable for 24 months.

### **LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY**

**When considering the use of any Rickman product in a particular application, you should read and understand our Safety Data Sheet (SDS) before using this product and ensure that the use you intend can be conducted safely. Rickman sends SDS with shipment of all of our products. The SDS contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products.**