

# RHEOLATE CVS<sup>®</sup> 11

## Non-Ionic Associative Rheology Modifier for Waterborne Paints

### GENERAL INFORMATION

**RHEOLATE CVS 11** is a 20% active mid-shear (KU) non-ionic associative thickener that also contributes some high-shear (ICI) viscosity. It is APEO and tin-free. The product is supplied as a pourable, pumpable liquid.

### CHEMICAL & PHYSICAL PROPERTIES

Appearance	opaque off-white to white liquid
Active Solids	20%
Total Solids	27%
Brookfield Viscosity cps	< 5,000 (Brookfield RVT spindle 4, 20 rpm, 25°C)
Specific Gravity	1.04
Solvent	water

These are typical properties not to be used for specification purposes.

### APPLICATIONS

- **RHEOLATE CVS 11** is a mid-shear (KU) thickener for a wide variety of latex paints (acrylic, vinyl acrylic, and styrene-acrylic, vinyl-acetate ethylene) in both interior and exterior applications. **RHEOLATE CVS 11** is effective over a broad PVC range: flat thru high gloss.

### KEY PROPERTIES

- Good viscosity stability upon colorant addition
- Excellent balance of sag resistance and flow
- Broad compatibility with latexes and thickeners
- Good KU efficiency
- Good stain resistance and removal
- Does not harm other properties

### INCORPORATION

Add **RHEOLATE CVS 11** to the letdown after the addition of the ICI thickener.

### LEVELS OF USE

Typical use levels of **RHEOLATE CVS 11** are 0.25% to 1.00% based on active level by weight. Use levels may vary for different tinted paint systems. A ladder study should be done to optimize the use level.

In determining the usage levels Elementis recommends first adjusting KU viscosity to the desired level with **RHEOLATE CVS 11**. If an ICI builder is required it should be adjusted at this point with RHEOLATE 212 or RHEOLATE 350.

### HEALTH AND SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

### STORAGE RECOMMENDATIONS

Must be kept above 4°C (40°F). In the event of accidental freezing, thaw gently. Keep container closed when not in use.

### SHELF LIFE

**RHEOLATE CVS 11** has a shelf life of 2 (two) years from the date of manufacture.

### QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

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