



TEXICRYL[®] 13-317

Carboxylated acrylic copolymer emulsion

INTRODUCTION

TEXICRYL 13-317 is a hydrophobically modified alkali swellable thickener designed for waterborne formulations. It is highly effective at high shear rates showing Newtonian rheology characteristics in formulated systems with excellent film build and leveling properties.

CHARACTERISTICS (Not to be taken as a specification)

| | | |
|---|-----|------|
| Solids content | % | 30 |
| Viscosity at 25°C (Brookfield RVT, Spindle 2, 100 rpm) | cps | 30 |
| pH | | 2.5 |
| Particle size | nm | 100 |
| Specific gravity at 25°C | | 1.06 |

APPLICATIONS

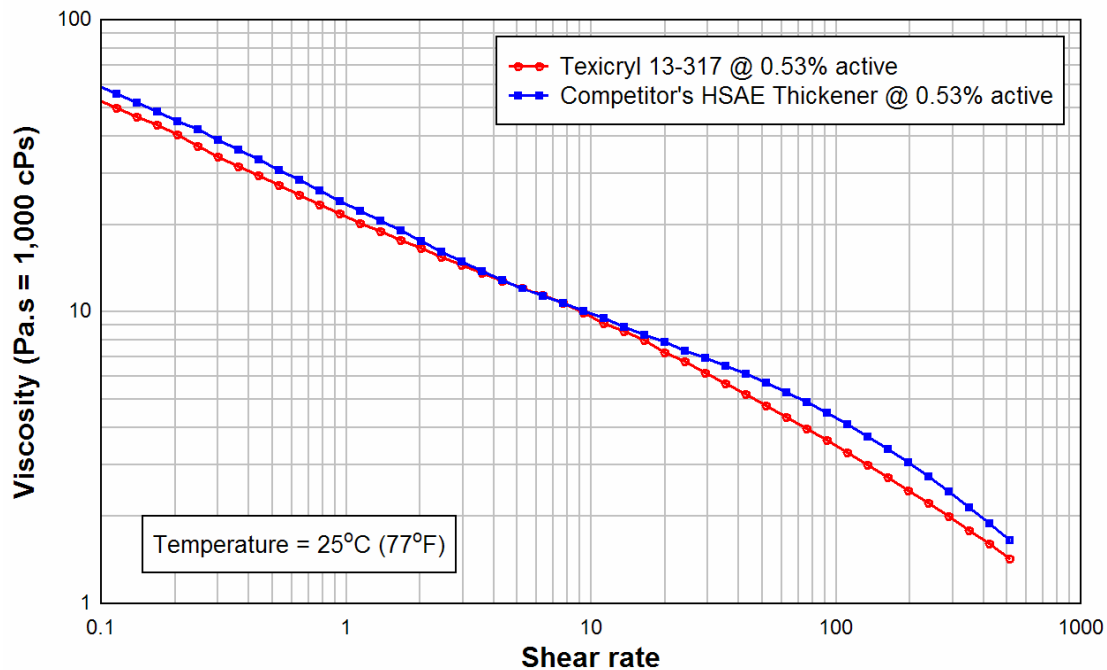
TEXICRYL 13-317 used in the formulation of waterborne coatings and architectural/decorative paints.

USE OF TEXICRYL 13-317 IN A COATING

Coating Formulation

| Raw Material | Description | Weight % |
|------------------------|------------------------------------|------------|
| Water | Solvent | 9.88 |
| Propylene Glycol | Cosolvent | 3.95 |
| Dispex N40 | Dispersant | 0.49 |
| Foamaster NXZ | Defoamer | 0.3 |
| Acticide MBS | Biocide | 0.19 |
| TIOXIDE R92 | Titanium Dioxide | 19.75 |
| Snowcal 70 | Calcium Carbonate | 14.81 |
| Texicryl 13-067 | Styrene acrylic copolymer emulsion | 43.45 |
| Dowanol DPnB | Cosolvent | 2.96 |
| Water | Solvent | 2.29 |
| Ammonia to pH 8.5-9.0 | pH Adjuster | 0.15 |
| Thickener (30% solids) | Thickener | 1.78 |
| Total | | 100 |

Viscosity Profiles of Above Coating Formulation Made with Texicryl 13-317 and Competitor's Thickener



Viscosity profiles were measured with Bohlin controlled stress rheometer.

PACKAGING

TEXICRYL 13-317 is supplied in a 460 lb. net weight plastic drum. Bulk supplies are delivered by road tanker.

STORAGE

TEXICRYL 13-317 can be stored in the containers in which it is supplied.

Protect from temperatures below 40° F.

HEALTH & SAFETY

Please see separate Material Safety Data Sheet.

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NOTICE

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