



# TEXICRYL® 13-309

## Carboxylated acrylic copolymer emulsion

### INTRODUCTION

TEXICRYL 13-309 is an aqueous emulsion of a carboxylated acrylic copolymer for use as a thickening agent for natural and synthetic latices.

TEXICRYL 13-309 is particularly suitable for use as a thickener in the formulation of emulsion paints and for thickening various adhesive compounds.

### CHARACTERISTICS (Not to be taken as a specification)

Solids Content	%	35
Viscosity at 25°C (Brookfield RVT, Spindle 2, 100 rpm)	mPa s	50
pH		3.0
Particle size	nm	220
Specific gravity at 25°C	g/cm <sup>3</sup>	1.08
Minimum film formation temperature*	°C	10
Latex thickening at 25°C (Brookfield, Spindle 2, 5rpm) **	mPa s	5.500

\* Determined by metal bar with temperature gradient.

\*\* Test method. Three parts by weight of TEXICRYL 13-309 is diluted with fifteen parts by weight of water. This is then added under thorough mixing to two hundred pbw of Qualitex A natural rubber latex and left to stand for one hour. Latex thickening power is expressed as the viscosity of this mixture.

## APPLICATIONS

TEXICRYL 13-309 is efficient at thickening the water phase of aqueous based compositions. The thickening mechanism is activated by the addition of alkali and the pH should generally be adjusted to 8.0-9.0 to achieve the best results.

TEXICRYL 13-309 is particularly suitable for use as a thickener in the formulation of emulsion paints and for thickening various adhesive and textile compounds.

## PACKAGING

TEXICRYL 13-309 is supplied in drums, 1 tonne IBC's or bulk supplies are delivered by road tanker.

## STORAGE

TEXICRYL 13-309 may be stored in the containers in which it is supplied.

Protect from frost and extended exposure to direct sunlight.

## HEALTH & SAFETY

Please see separate Material Safety Data Sheet.

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