

# TEXICOTE<sup>®</sup> 03-136

## Vinyl acetate copolymer emulsion

### INTRODUCTION

TEXICOTE 03-136 is an aqueous emulsion of a self-crosslinking acrylic / vinyl acetate copolymer developed as a binder for non-woven fabrics.

TEXICOTE 03-136 is APEO free.

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

Solids content	%	45
Viscosity at 25 °C ( Brookfield RVT, Spindle 4, 100 RPM )	dPa.s	1
Particle size	nm	220
pH		5
Specific gravity at 25°C		1.03
Minimum film formation temperature *	°C	1
Glass Transition temperature	°C	-1

\* Determined by metal bar with temperature gradient.

## **APPLICATIONS**

TEXICOTE 03-136 has been developed specifically as a component of printing bonding adhesives for non-woven and disposable fabrics. It can be thickened with acrylic emulsion or cellulosic thickeners.

TEXICOTE 03-136 is supplied ready catalysed and to develop optimum properties requires a curing time of 2 min at 120°C. Extra time should be allowed for drying.

Curing can be accomplished in hot-air ovens or with infra-red heaters, but evaporation of water is also necessary. In the case of thick, high density webs it is sometimes difficult to remove the water without causing excessive migration of the resin to the outside. In the cases, rapid shock heating by dielectric dryers is recommended combine with hot-air oven to affect the cure.

TEXICOTE 03-136 can also be cured for 24 hours at room temperature 20°C.

## **PACKAGING**

TEXICOTE 03-136 may be supplied in drums or IBC's (please check with your local representative). Bulk deliveries are by road tanker.

## **STORAGE**

TEXICOTE 03-136 should be stored in the original, unopened and undamaged containers in a dry place at temperatures between 5°C and 30°C. Exposure to frost should be avoided.

## **HEALTH & SAFETY**

Please see separate material safety data sheet

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