

# TEXICRYL<sup>®</sup> 4025

## Carboxylated acrylic copolymer emulsion

### INTRODUCTION

Texicryl 4025 is an alkali swellable emulsion designed for waterbased printing ink formulations. It has excellent colour development, good heat sealability and gives low blocking. Texicryl 4025 is cross-linkable with thermoset resins, compatible with solvents and other resin systems.

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

Solids content	%	50
Viscosity at 25°C (Brookfield RVT, Spindle 2, 20 rpm)	mPa·s	70
pH		2.5
Glass transition temperature	°C	20
Acid Value	mg KOH/g	76

## **APPLICATIONS**

Texicryl 4025 is particularly suitable for inks used on absorbant substrates such as packaging materials and wallpapers. It can also be used in heat transfer inks. The choice of alkali governs the solution viscosity and drying speed, with ammonia giving the lowest viscosity.

Texicryl 4025 can be used in both dispersion and solution form to formulate printing inks. By adjusting the pH from 8-8.5 a stable solution can be achieved.

## **PACKAGING**

Texicryl 4025 is supplied in IBC's. Bulk deliveries are by road tanker.

## **STORAGE**

Texicryl 4025 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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