



TEXICRYL[®] 13-814

Styrene acrylic copolymer emulsion

INTRODUCTION

TEXICRYL 13-814 is a styrene acrylic copolymer aqueous dispersion with excellent flexibility and adhesion properties. TEXICRYL 13-814 is suitable for use as the main binder in flexo or gravure inks and has good clarity so is suitable for offset overprint varnishes.

TEXICRYL 13-814 gives excellent adhesion to "difficult" non absorbent substrates which are difficult to wet out, and it shows good "wet crinkle resistance" on film and foils.

This product is designed to exhibit fast drying, low foaming and gives excellent gloss in inks and OPVs.

TEXICRYL 13-814 is APEO free.

CHARACTERISTICS (Not to be taken as a specification)

Solids Content	%	49
Viscosity at 25°C (Brookfield RVT, Spindle 4, 100 rpm)	mPa s	550
pH		8.5
Particle size	nm	100
Specific gravity at 25°C	g/cm ³	1.05
Acid value	mg KOH/g	46
Minimum film formation temperature*	°C	<0
Glass transition temperature	°C	5

* Determined by metal bar with temperature gradient.

APPROVALS

This product is free of APEO surfactants.

APPLICATIONS

TEXICRYL 13-814 is suitable for use as the main binder in flexo or gravure inks and offset overprint varnishes. It will also be suitable to compound into barrier coatings, as it exhibits very low MVTR and Cobb values.

PACKAGING

TEXICRYL 13-814 is supplied in drums, 1 tonne IBC's or bulk supplies are delivered by road tanker.

STORAGE

TEXICRYL 13-814 should be stored in the containers in which it is supplied.

HEALTH & SAFETY

Please see separate Material Safety Data Sheet.

Issue No.1

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