TEXICRYL® 13-525

Styrene acrylic copolymer emulsion

INTRODUCTION

TEXICRYL 13-525 is a modified styrene acrylic copolymer designed to be the main binder in the formulation of blister seal adhesives with superb graphic qualities.

The polymer will suit other heat seal applications as well as being suitable as a modifying resin to cold seal adhesives, enabling the adhesive a better key to the substrate.

The excellent flow / levelling, combined with the ability to achieve gloss levels approaching those of the best water based overprint varnishes, makes this an ideal product for high quality blister packaging applications with superb seal integrity. The product shows good compatibility with other components and does not block easily in a stack.

TEXICRYL 13-525 is free of APEO surfactants.

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

Solids Content	%	50
Viscosity at 25°C (Brookfield RVT, Spindle 4, 100 rpm)	mPa.s	500
pH		8.3
Particle size	nm	90
Acid value	mg KOH/g	35
Specific gravity at 25°C	g/cm³	1.04
Minimum film formation temperature*	°C	<0
Glass transition temperature	°C	-5

* Determined by metal bar with temperature gradient.

APPLICATIONS

TEXICRYL 13-525 is designed to be the main binder in the formulation of blister seal adhesives with the added benefit of having superb graphic qualities.

The polymer will suit other heat seal applications for a variety of absorbent-to-absorbent substrate sealing and absorbent-to-non-absorbent laminating.

TEXICRYL 13-525 is also suitable as a modifying resin to cold seal adhesives, enabling the compounded adhesive to have a better key to the substrate.

PACKAGING

TEXICRYL 13-525 is supplied in drums, 1 tonne IBC's or bulk supplies are delivered by road tanker.

STORAGE

TEXICRYL 13-525 can be stored in the containers in which it is supplied.

HEALTH & SAFETY

Please see separate Material Safety Data Sheet.

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