



TEXICRYL[®] 13-500

Styrene acrylic copolymer emulsion

INTRODUCTION

TEXICRYL 13-500 is an aqueous styrene acrylic copolymer emulsion for use in flexible packaging, especially where good adhesion and water resistance is required. It is used in printing inks for application to low surface energy substrates, specifically films and foils.

TEXICRYL 13-500 also exhibits a low Cobb value and is heat sealable, due to the softness of the polymer.

TEXICRYL 13-500 is APEO free.

CHARACTERISTICS (Not to be taken as a specification)

Solids Content	%	43
Viscosity at 25°C (Brookfield RVT, Spindle 4, 100 rpm)	mPa.s	300
pH		8.5
Particle size	nm	100
Acid value	mg KOH/g	62
Specific gravity at 25°C	g/cm ³	1.05
Minimum film formation temperature*	°C	<0
Glass transition temperature	°C	-10

* Determined by metal bar with temperature gradient.

APPROVALS

TEXICRYL 13-500 complies with FDA parts 175.150, 176.170 and 176.180, with some limitations. Please contact your sales representative for further details.

APPLICATIONS

TEXICRYL 13-500 has excellent adhesion to low surface energy substrates with high gloss and excellent water resistance. It has low odour and low foaming characteristics and has good compatibility with other resins and raw materials.

It exhibits negligible solvent shocking characteristics and has a fast dry speed and excellent 'wet wrinkle resistance' on films. Refer to start point formulation TS 2835.

PACKAGING

TEXICRYL 13-500 is supplied in drums, 1 tonne IBC's or bulk supplies are delivered by road tanker.

STORAGE

TEXICRYL 13-500 can be stored in the containers in which it is supplied.
Protect from frost.

HEALTH & SAFETY

Please see separate Material Safety Data Sheet.

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