



TEXICRYL[®] 13-500

Styrene acrylic copolymer

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	400
Relative density at 25°C	-	1.05
Particle size	nm	< 120
pH	-	8.5
Tg (measured)	°C	- 10
MFFT*	°C	< 0
Acid Value	Mg KOH/g	62

* Determined by metal bar with temperature gradient.

APPROVALS

TEXICRYL 13-500 complies with FDA parts 176-180, 176-170 and 176-105, with some limitations. Please contact your sales representative for further details.

APPLICATIONS

The product 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 formulations in Flexible Packaging booklet for further details.

PACKAGING

TEXICRYL 13-500 is supplied in 200 kg drums, 1 tonne IBC's or bulk supplies 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.

Issue No. 2.1 SA Feb 2005



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