TEXICRYL® 13-818

Styrene acrylic copolymer emulsion

INTRODUCTION

TEXICRYL 13-818 is a newly developed modified acrylic copolymer aqueous dispersion with excellent flexibility and MVTR properties. TEXICRYL 13-818 is suitable for use as the main binder in barrier coating applications exhibiting low MVTR and Cobb values.
This product shows fast drying and low foaming characteristics.

TEXICRYL 13-818 is free of APEO surfactants.

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

Solids Content	%	47
Viscosity at 25°C (Brookfield RVT, Spindle 4, 100 rpm)	mPa s	500
pH		8.5
Particle size	nm	100
Acid value	mg KOH/g	40
Minimum film formation temperature*	°C	<0
Glass transition temperature	°C	5

* Determined by metal bar with temperature gradient.

APPROVALS

TEXICRYL 13-818 complies with FDA parts 175.105, 176.170 and 176.180, with some limitations.

Please contact your sales representative for further details.

APPLICATIONS

TEXICRYL 13-818 readily forms strong, coherent films at normal room temperature but inks and varnishes will 'key' more quickly to non absorbent substrates if gentle heat is applied through force drying.

When the use of alcohols is required to control rate of dry, it is advisable to pre-dilute the alcohol with some water and add slowly to the polymer to avoid 'solvent shock'.

Due to the adhesive nature of the vehicle, it is advisable to clean presses as soon as possible after shutdown. Dried films of TEXICRYL 13-818 can be removed using commercial cleaners containing a small amount of propylene glycol ether solvent (e.g. Dowanol PnB).

PACKAGING

TEXICRYL 13-818 is supplied in drums, 1 tonne IBC's or bulk supplies are delivered by road tanker.

STORAGE

TEXICRYL 13-818 may be stored in the containers in which it is supplied.

HEALTH & SAFETY

Please see separate Material Safety Data Sheet.

Issue No.1

Scott Bader Company Limited
Wollaston, Wellingborough, Northamptonshire, NN29 7RL
Telephone: +44 (0) 1933 663100 Facsimile: +44 (0) 1933 666529