



Technical Data Sheet

PRODUCT OVERVIEW

TEXICRYL® 13-218 is an APEO free self-crosslinking acrylic copolymer emulsion for use as a binder in the manufacture of spray-bonded synthetic fibre waddings. This product is also ideal as a stiffener for window blinds.

CHARACTERISTICS

(Not to be taken as a specification)

Solids content	46%
Viscosity at 25°C (Brookfield RVT, Spindle 4, 100 rpm)	75 mPa s
pH	6.5
Particle size	135 nm
Specific gravity at 25°C	1.08
Emulsifying system	Anionic
Minimum film formation temperature*	0°C
Glass transition temperature	30°C

*Determined by metal bar with temperature gradient

APPLICATION

TEXICRYL 13-218 has been developed for use in surface bonding and through-bonding of synthetic fibre wadding. It will effectively prevent penetration of the fibres through the cover fabric, preserve the high loft of the wadding and facilitate handling during the making-up process. It has excellent heat and light-stability, as well as good wash and dry-clean solvent resistance.

TEXICRYL 13-218 is widely used as a high-loft non-woven fabric binder. Drying and Curing Cure of emulsion binders is dependent on the polymer type, catalyst concentration, temperature and time.

TEXICRYL 13-218 is supplied ready-catalysed and, after drying, must be cured for 2-3 minutes at 140°C. It is recommended that synthetic fibre waddings processed with TEXICRYL 13-218 be dried and cured in hot-air ovens with efficient air movement to ensure removal of water vapour during the drying phase. When dried and cured under these conditions, TEXICRYL 13-218 will confer dry-clean resistance, washfastness and good recovery from compression. TEXICRYL 13-218 has an indefinite pot life at normal spray-bonding concentrations (10-25% solids content).

TEXICRYL 13-218 has a non-detectable formaldehyde level according to Oeko-Tex® testing, ISO 14184-1 2011.

PACKAGING AND STORAGE

TEXICRYL 13-218 is supplied in drums or IBC's (please check with your local representative). Bulk deliveries are by road tanker.

TEXICRYL 13-218 should be stored in the original, unopened and undamaged containers in a dry place at temperatures between 5°C and 30°C. Protect from freezing and direct sunlight.

HEALTH AND SAFETY

Please see separate material safety data sheet.

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