

Texicryl[®] 13-220

Acrylic Dispersions

Technical Data Sheet

PRODUCT OVERVIEW

TEXICRYL® 13-220 is self crosslinking acrylic copolymer emulsion. Characterized by a very soft flexible film giving after curing, a good resistance to washing on printed textiles.

CHARACTERISTICS (Not to be taken as a specification)	
Solids content	45%
Viscosity at 25°C (Brookfield RVT, Spindle 4, 100 rpm)	150 mPa s
рН	4.5
Particle size	240 nm
Minimum film formation temperature*	<2°C
Glass transition temperature	-25°C

*Determined by metal bar with temperature gradient

APPLICATION

TEXICRYL 13-220 gives excellent binding properties for pigments. It can be used for the pigment printing on rotary and flat screen systems. It's adhesion is excellent on the majority of substrates and it's flexibility remains good at low temperature.

TEXICRYL 13-220 is also recommended for manufacture of non-woven and flocking adhesives, either by techniques such as pulverization, full bath, or foaming.

In order to optimise it's cure, in particular at low temperature lower than 110°C, an addition of catalyst can be made: 2% of a solution at 10% of ammonium chloride or 5% of a solution at 10% of hydrogen ammonium phosphate.

TEXICRYL 13-220 has a non-detectable formaldehyde level according to Oeko-Tex® testing, ISO 14184-1 2011.

PACKAGING AND STORAGE

TEXICRYL 13-220 is be supplied in drums or IBC's (please check with your local representative). Bulk deliveries are by road tanker.

TEXICRYL 13-220 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.

www.scottbader.com



Scott Bader UK Office Wollaston Wellingborough Northants NN29 7RL UK

Tel: +44 (0)1933 666738 email: enquiries@scottbader.com

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