



## the company

Scott Bader was established in 1921 and today we are a multinational chemical company employing 600 people worldwide.

Our key activities are the development, manufacture, distribution and sales of synthetic resins and polymers into applications such as marine, land transport, adhesives, building and decoration, graphic arts, surface coatings and textiles.

Our high quality products are sold under established brand names such as Crystic, Fireguard, Crestomer, Texicryl, Texipol, Crestakyd and Crestacryl.

From our five manufacturing sites, located in the UK, France, Croatia, the Middle East and South Africa, we are in the position to manufacture and distribute both Composite and Speciality Polymer products on a global basis.

# Textiles & Furnishings

Scott Bader has had an established presence in the textile market for over 50 years.

Our main focus has been in the printing, finishing and coating sectors of the industry with the continued development of innovative solutions, to meet the trends and demands of the market place.

Our range includes PVA and acrylic based binders for both pigment printing and non woven applications, enabling a wide range of physical properties and effects to be achieved.

When it comes to rheology modification and viscosity control we have extensive knowledge of thickeners in textile and dye printing.

Chromojet\* technology is one of the areas our inverse emulsion thickeners are being developed in conjunction with our customers requirements for carpet printing. Scott Bader has set the performance benchmark ever since.



<b>Binders</b>		<b>Polymer Type</b>	<b>NVC%</b>	<b>Viscosity mPa.s</b>	<b>pH</b>	<b>MFFT °C</b>	<b>Tg °C</b>
Texicryl 13-217	Self crosslinking, soft binder for pigment printing and non-wovens. Good wash resistance.	Acrylic	40	50	4.5	< 2	-16
Texicryl 13-218	Self crosslinking, medium handle binder for high loft non-wovens or stiffener for window blinds.	Acrylic	46	150	6.5	15	30
Texicryl 13-219	Self crosslinking hard binder for fabric stiffening applications.	Styrene / acrylic	46	200	7	15	33
Texicryl 13-220	Self crosslinking binder for textile coating, very soft handle and good wash resistance.	Acrylic	45	150	4.5	< 2	-25
Texicryl 13-221	Self crosslinking binder designed to impart a soft handle on coated fabrics.	Acrylic	45	100	4.8	< 2	-15
Texicryl 13-222	Self crosslinking, medium soft handle for textile coating and non wovens.	Acrylic	45	205	4.5	< 2	11
Texicryl 13-223	Self crosslinking binder with high solvent and dry clean resistance.	Styrene / acrylic	45	100	6	< 2	11
Texicryl 13-224	Self crosslinking binder for pigment printing, good wet scrub resistance and soft handle.	Styrene / acrylic	41	300	5.5	< 2	-9
Texicryl 13-290	Self crosslinking, soft handle binder for non woven and textile applications. Very high solvent resistance.	Acrylic	46	1250	5	< 0	-30
Texicryl 13-291	Self crosslinking, firm handle binder for non woven and textile applications. Can be used in combination with Texicryl 13-290 to give fabrics of intermediate handle.	Acrylic	46	250	5	16	24
Texicote 03-132	Self crosslinking binder for non wovens, soft handle with no tack.	PVA	45	75	4.7	< 2	-1
Texicote 03-133	Self crosslinking binder for non wovens and wadding applications.	PVA	45	100	4.5	12	32
Polidene 33-086	Self crosslinking, soft low flammability binder for pigment printing and back coating.	PVdC	55	100	4.5	< 2	-4
<b>Stiffeners</b>							
Texicote 03-084	High viscosity stiffener used to modify the handle of fabrics.	PVA	50	4200	5	15	37
Texicote 03-139	Stiffener for textile applications, also used with knitted fabrics.	PVA	48	275	5	15	31
Texicote 57-0058	Stiffener for woven and non-woven fabrics. Modifier for SBRs.	Polystyrene	50	70	9	N/A	105
<b>Thickeners</b>							
Texicryl 13-308	Alkali soluble emulsion thickener for rheology and viscosity modification of textile compounds. Pseudoplastic flow characteristics.	Styrene / acrylic	30	25	3	0	57
Texicryl 13-309	Alkali soluble emulsion thickener for rheology and viscosity modification of textile compounds. More Newtonian in character compared to Texicryl 13-308.	Acrylic	35	50	3	10	42
					<b>pH Usage Range</b>		
Texipol 63-201	High efficiency thickener for carpet backing compounds. Long flow character.	Inverse emulsion	N/A	5,000	5.5 - 9.0	N/A	N/A
Texipol 63-237	Pigment printing thickener, good all round performance with universal pigment and binder compatibility.	Inverse emulsion	N/A	4,500	5.5 - 9.0	N/A	N/A
Texipol 63-258	Polyacrylate thickener with short flow properties for use in textile compounding.	Inverse emulsion	N/A	5,000	5.5 - 9.0	N/A	N/A
Texipol 67-5055	High efficiency synthetic thickener, designed for printing with Chromojet* machinery.	Inverse emulsion	N/A	15,000	3.5 - 7.0	N/A	N/A

Values given are an indication of characteristics and should not be taken as a supply specification. This is the standard product range for the Textile and Furnishings market. It is representative of the wide selection of products Scott Bader can offer.

As a speciality manufacture we will also discuss tailoring products to meet your specific application needs.

\*Chromojet is a Trademark of J. Zimmer, Maschinenbau Gesmbh (Austria).

All information is given in good faith but without warranty. We cannot accept responsibility or liability for any damage, loss or patent infringement resulting from the use of this information.

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Speciality Polymers

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