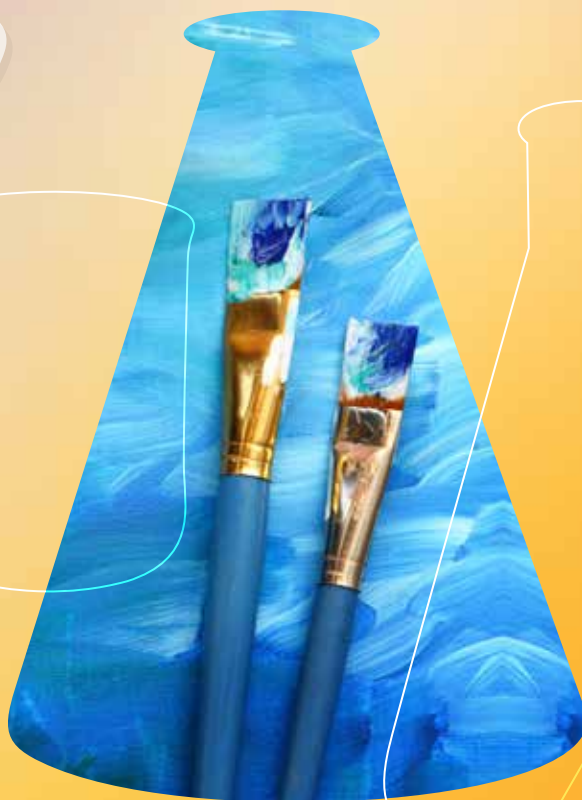




Resin and Polymer
Product Selection Guide

Graphic Arts



**Functional
Polymers**

www.scottbader.com

Vibrancy and versatility for artistic excellence

We understand the market demands and the technical solutions required by our customers, delivering dynamic products that are sustainable and cost efficient.



Applications

Our products are water-based styrene acrylic emulsion polymers, all specially developed for a variety of typical Graphic Arts applications.

Texicryl is our leading waterborne product range and has become synonymous with first-class performance across all key applications:

Over print varnishes (OPVs): High gloss and functional coatings with barrier resistance and heat sealable properties.

Flexo and Gravure inks: For paper, board and film substrates.

Specialist Adhesives: Polymers for blister seal and heat sealable coatings, for food and other specialist packaging.

Dependant on the end application there is a choice of grade options including:

- Colloid stabilised emulsions for OPVs.
- Alkali soluble grades for carton board inks.

The products listed in our Graphic Arts guide are just a selection of products currently available. For information on our complete range please contact the most convenient Scott Bader office to you, listed on the back of this guide.



A complete and unique service from Scott Bader

Scott Bader was established in 1921 and today we are an independent, multinational chemical company with nearly 700 employees worldwide. As a Common Trusteeship Company, owned by all employees, we operate with great agility and innovation for the customers and industries we serve.

Proud winners of The Gandhi Foundation International Peace Award 2014

Godric Bader, Life President of Scott Bader and son of founder Ernest Bader, recently received this award for the better business model created by him and his family, with corporate-social responsibility and sustainability business practices that were ahead of their time.

Functional Resins and Polymers: We develop, manufacture and distribute synthetic resins and polymers for:

- Building and Decoration
- Textiles and Furnishings
- Graphic Arts
- Paints and Coatings

Knowledge and Expertise: Our people have unrivalled experience in the chemical industry. We build strong customer relationships to understand their needs, now and in the future.

Pioneering Products: Innovation and product development is at the heart of our company. Our leading product brands include:

- Texicryl
- Texipol
- Crestacryl
- Texicote
- Crestakyd

Technical and Customer Support: We encourage our customers to involve us in their ambitions and challenges so that we can work together to find solutions.

Product Summary: For information on our complete range of products please contact the most convenient Scott Bader office to you, listed on the reverse of this booklet.

Colloid stabilised emulsions Key features/benefits

		NVC %	Viscosity mPa.s	pH	MFFT °C	Tg °C	Acid value mg KOH/g
Texicryl 13-809	Hard emulsion for high gloss, fast drying coatings, OPV's and inks. Can be used as deblocking modifier.	44	75	8.3	76	82	65
Texicryl 13-813	Low odour, soft polymer with superior gloss and holdout for use in overprint varnishes. Heat sealable.	47	100	8	<0	-9	62
Texicryl 13-814	Soft polymer with excellent water barrier properties for OPV's and inks. Heat sealable, very low Cobb value and low slip coefficient.	49	550	8.5	<0	5	46
Texicryl 13-818	Modified acrylic copolymer for barrier coating applications with excellent flexibility and low MVTR and Cobb values.	47	500	8.5	<0	0	40
Texicryl 13-819	Emulsion vehicle with unique plasticiser technology. Good heat/blocking resistance, for highest gloss applications.	50	300	8.5	0	93	45

Polymers for sealable coatings and adhesives

Texicryl 13-525	For high quality blister packaging applications with superb seal integrity. High gloss, good levelling, low blocking. Modifier for natural rubber latex in cold seal applications.	50	500	8.3	<0	-11	35
Texicryl 13-526	High performance styrene acrylic copolymer designed for use in cold seal adhesives. Excellent early water resistance.	50	200	4.5	12	19	n/α
Texicryl 13-527	Cold seal adhesive binder with high pigment binding properties. Can be used in combination with Texicryl 13-528 to achieve desired properties.	50	90	6.5	26	25	n/α
Texicryl 13-528	Soft styrene acrylic copolymer which can be used to modify the adhesion characteristics of latex based adhesives.	50	100	6.5	10	9	n/α

Specialist ink binders

Texicryl 13-503	Designed for printing inks and non absorbent, low energy substrates, gives excellent wet rub performance.	43	450	9	<0	-50	70
Texicryl 13-824	Hard non-film forming emulsion which can be coalesced to form a plasticiser and solvent resistant film. Excellent adhesion to vinyl and non-absorbent substrates. Suitable for PVC flooring and wallpaper inks.	45	190	8.5	70	66	65

Specialist polymers for paper and board

Texicryl 13-812	Alkali soluble acrylic polymer with good rub resistance and high print quality, suitable as a flexographic ink binder.	41	70	3.5	n/α	28	114
Texicryl 4025	Suitable for inks used on absorbent substrates such as packaging materials and wallpapers. It can also be used in bottle labeling adhesives.	50	80	2.5	n/α	20	76

Values given are an indication of characteristics and should not be taken as a supply specification.

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.

Scott Bader Group of Companies

Production Sites:

- UK (Head Office)
- Canada
- UAE
- Croatia
- France
- South Africa

Sales Offices:

- USA
- Sweden
- PR China
- Spain
- Czech Republic
- Japan
- Australia
- Ireland
- Germany

Distributor Details:

