



Graphic Arts
Product Guide





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.

Graphic Arts

Scott Bader first manufactured polymers for the Graphic Arts market in the 1960s.

Today we have an extended portfolio which can be used in a variety of applications including OPVs, specialist adhesives, inks for absorbent and low energy substrates.

As a Speciality resin supplier we understand the performance that the market demands and we work closely with our customers to provide technical solutions. Texicryl waterborne technology has become synonymous with performance in the Graphic Arts sector.



Colloid stabilised emulsions

| | | NVC% | Viscosity mPa.S | pH | MFPT °C | Tg °C | FDA* | Acid No. |
|-----------------|--|------|-----------------|-----|---------|-------|------|----------|
| Texicryl 13-819 | Emulsion vehicle with unique plasticiser technology. Good heat/blocking resistance, for highest gloss applications. | 50 | 300 | 8.5 | 0 | 93 | ✓ | 45 |
| Texicryl 13-809 | Hard emulsion for high gloss, fast drying coatings, OPV's and inks. Can be used as deblocking modifier. | 44 | 100 | 8.3 | 76 | 82 | ✓✓ | 65 |
| Texicryl 13-814 | Soft polymer with excellent water barrier properties for OPV's and inks. Heat sealable. Very low Cobb value. Low slip coefficient. | 49 | 550 | 8.5 | < 0 | 5 | ✓✓ | 46 |
| Texicryl 13-813 | Low odour, soft polymer with superior gloss and holdout for use in overprint varnishes. Heat sealable. | 46 | 120 | 8 | < 0 | -9 | ✓✓ | 62 |
| Texicryl 13-818 | Modified acrylic copolymer for barrier coating applications with excellent flexibility and low MVTR and Cobb Values. | 47 | 500 | 8.5 | < 0 | 5 | ✓✓ | 40 |

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 | 400 | 8.3 | < 0 | -5 | ✓✓ | 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/a |
| 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/a |
| 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/a |

Specialist Ink Binders

| | | | | | | | | |
|-----------------|---|----|-----|-----|-----|-----|-----|----|
| Texicryl 13-503 | Designed for printing inks and non absorbent, low energy substrates, gives excellent wet rub performance. | 43 | 400 | 9 | < 0 | -50 | ✓✓ | 68 |
| 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 inks PVC flooring and wallpaper. | 45 | 190 | 8.5 | 70 | 66 | N/A | 65 |

Specialist polymer for paper and board

| | | | | | | | | |
|-----------------|---|----|-----|-----|----|----|-----|-----|
| Texicryl 13-811 | Alkali-soluble acrylic copolymer with good rub-resistance and high print quality, suitable as a flexographic ink binder. | 41 | 55 | 4 | 2 | 30 | N/A | 59 |
| Texicryl 13-812 | High efficiency alkali soluble binder for flexographic printing of cartons and paper sacks. | 41 | 70 | 3.5 | 15 | 28 | N/A | 130 |
| Texicryl 13-567 | For inks, exhibits exceptionally low paper curl, maximum opacity and good transfer properties on extremely thin substrates. | 52 | 175 | 8.5 | 15 | 30 | ✓ | - |
| Texicryl 13-737 | Good pigment wetting for grinding media in aqueous printing inks, also used as a let down vehicle. | 37 | 190 | 8.5 | 5 | 46 | ✓ | 69 |

Solid styrene acrylic resins

| | | | | | | | | |
|---------------|--|----|-----|-----|-----|-----|----|-----|
| Texicryl S-02 | Low molecular weight alkali soluble resin designed to improve the gloss of water based overprint varnishes. | 99 | N/A | N/A | N/A | 70 | ✓✓ | 250 |
| Texicryl S-09 | Mid range molecular weight resin with excellent pigment wetting characteristics. Improves gloss and resolubility to waterbased coatings. | 97 | N/A | N/A | N/A | 105 | ✓✓ | 220 |
| Texicryl S-12 | High molecular weight resin for pigment dispersion and fluid inks. | 97 | N/A | N/A | N/A | 105 | ✓✓ | 220 |

Resin solutions

| | | | | | | | | |
|------------------|--|----|-------|-----|-----|-----|----|-----|
| Texicryl S-0933 | 33% solution of Texicryl S-09. | 33 | 2,000 | 8.5 | N/A | 105 | ✓✓ | 218 |
| Texicryl S-0245 | 45% solution of Texicryl S-02. | 45 | 2,000 | 8.5 | N/A | 70 | ✓✓ | 250 |
| Texicryl S-0933M | 33% solution of Texicryl S-09 in monoethanolamine. | 33 | 300 | 8.5 | N/A | 105 | ✓ | 186 |

*Based on FDA compliant raw materials. For full FDA statement and limitations, please refer to regulatory dept.

Key:- ✓ = 175-105 ✓✓ = 176-170 ✗ = not compliant. Values given are an indication of characteristics and should not be taken as a supply specification.

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Scott Bader Group of Companies

United Kingdom

Head Office
Scott Bader Company Limited
Tel: +44 1933 663100
Fax: +44 1933 666529
email: specpol@scottbader.com

Croatia

SCOTT BADER d.o.o.
Tel: +385 1 240 6440
Fax: +385 1 240 4573
email: info@scottbader.hr

Czech Republic

Scott Bader Eastern Europe
Tel: +420 48 5228 344
Fax: +420 48 5228 345
email: composites@scottbader.cz

France

Scott Bader SA
Tel: +33 3 22 66 27 66
Fax: +33 3 22 66 27 80
email: specpol@scottbader.fr

P.R. China

Scott Bader Asia Pacific
Tel: +86 21 529 87778
Fax: +86 21 529 88889
email: info@scottbader.cn

Republic of South Africa

Scott Bader (Pty) Ltd
Tel: +27 31 736 8500
Fax: +27 31 736 8511
email: specpol@scottbader.co.za

Spain

Scott Bader Ibérica S.L.
Tel: +34 93 553 1162
Fax: +34 93 805 1942
email: composites@scottbader.es

Sweden

Scott Bader Scandinavia AB
Tel: +46 346 10100
Fax: +46 346 59226
email: composites@scottbader.se

UAE

Scott Bader Middle East Ltd
Tel: +971 48835025
Fax: +971 48835319
email: info@scottbader.co.ae

USA

Scott Bader Inc
Tel: +1 330 920 4410
Fax: +1 330 920 4415
email: info@scottbaderinc.com



INVESTOR IN PEOPLE

Speciality Polymer European Distributors

Austria

Univar Deutschland GmbH
Tel: +49 201 8959 143
Fax: +49 201 8959 100
www.univareurope.com
Solvent based alkyds and acrylics.
Water based emulsion polymers
and thickeners

Belarus

1000 Algol Chemicals
Tel: +375 17 2183387
Fax: +375 17 2183387
www.algol.fi
Solvent based alkyds and acrylics

Bosnia & Herzegovina

Global Galax d.o.o.
Tel: + 381.11.20.84.944.
Fax: + 381.11.27.51.950.
email: n.stojanovic@globalgal
Solvent based alkyds and acrylics

Bulgaria

HSH Chemie EOOD
Tel: +359 2 80 88 285
Fax: +359 2 80 88 260
www.hsh-chemie.com
Solvent based alkyds and acrylics

Czech Republic

3P-CHEM s.r.o.
Tel: +420 311 638 028-9
Fax: +420 311 637 132
www.3p-chem.cz
Solvent based alkyds and acrylics

FYR of Macedonia

Global Galax d.o.o.
Tel: + 381.11.20.84.944.
Fax: + 381.11.27.51.950.
email: n.stojanovic@globalgal
Solvent based alkyds and acrylics

Germany

Univar Deutschland GmbH
Tel: +49 2018959143
Fax: +49 201 8959100
www.univareurope.com
Solvent based alkyds and acrylics.
Water based emulsion polymers
and thickeners

Hungary

Kovács és Társa Kereskedelmi Kft
Tel: +36 1358 1497
Fax: +36 1358 1498
www.kovacsestarsa.com
Solvent based alkyds and acrylics

Israel

MYKO Engineering Ltd.
Tel: +972 9 7668333
Fax: +972 9 7668334
www.myko.co.il
Solvent based alkyds and acrylics
Water based emulsion polymers
and thickeners

Italy

Grolman Srl
Tel: +39 0399 280 325
Fax: +39 0399 280 297
www.grolman-group.com
Solvent based alkyds and acrylics
Water based emulsion polymers
and thickeners

Poland

HSH Chemie Sp.z.o.o.
Tel: +48 22 512 03 00
Fax: +48 22 67311 88 / 99
www.hsh-chemie.com
Solvent based alkyds and acrylics

Romania

HSH Chemie S.R.L.
Tel: +40 21 313 7778
Fax: +40 21 315 7864
www.hsh-chemie.com
Solvent based alkyds and acrylics

Russia

ALGOL-CHEMICALS, JSC
Tel: +7 495 795 09 26
Fax: +7 495 795 09 26
www.algol.fi
Solvent based alkyds and acrylics

Serbia

Global Galax d.o.o.
Tel: + 381.11.20.84.944.
Fax: + 381.11.27.51.950.
email: n.stojanovic@globalgal
Solvent based alkyds and acrylics

Slovakia

3P-CHEM s.r.o.
Tel: +420 311 638 028-9
Fax: +420 311 637 132
www.3p-chem.cz
Solvent based alkyds and acrylics

Spain & Portugal

Ricardo Molina, S.A.
Tel: +34 93 295 49 50
Fax: +34 93 319 89 67
www.ricardomolina.com
Waterbased emulsion polymers
and thickeners

Sweden

Univar AB
Tel: +46 40 35 28 00
Fax: +46 40 12 51 72
www.univareurope.com
Solvent based alkyds and acrylics

Switzerland

Univar AG
Tel: +41 443 8453 10
Fax: +41 444 2221 66
www.univareurope.com
Solvent based alkyds and acrylics
Water based emulsion polymers
and thickeners

UK and Eire

Samuel Banner & Co Ltd
Tel: +44 (0)1928 597000
Fax: +44 (0)1928 597000
www.bannerchemicals.com
Water based emulsion polymers
and thickeners

Ukraine

Algol Chemicals LLC
Tel: +380 44 5019805
Fax: +380 44 5019807
www.algol.fi
Solvent based alkyds and acrylics


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Speciality Polymers

www.scottbader.com

