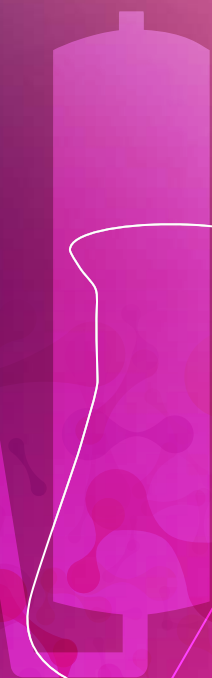




Resin and Polymer  
Product Selection Guide

# Paints & Coatings



# Because looks and performance really matter...

Our products are designed to provide the right balance of aesthetics, protective and application properties.



## Applications

Scott Bader has a strong reputation for producing high quality resins used in the manufacture of paints and coatings. We are constantly developing new products to meet new demands and expectations.

Our current range of alkyds, solvent based acrylics and water based emulsion polymers are proven to have excellent performance across many applications:

**Decorative:** Used inside or out, our products are an essential paint and coating component, offering excellent durability, good flow and leveling properties are essential characteristics of paints and coatings. Our products are used widely in low VOC exterior paints, woodstains, high gloss trim paints and masonry coatings.

**Industrial:** Metal surfaces in heavy-duty environments require superior protection. Together we can discuss the optimum products to use to suit the application, such as direct to metal adhesion, protection or anti-corrosion primers.

**Wood:** Scott Bader products significantly enhance the finish and overall performance of various wood coatings, such as varnishes, floor topcoats, stains and other industrial wood coatings.

The products listed in our Paints and Coatings 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 600 employees worldwide. As a Commonwealth Ownership 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.

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

- Building and Decoration
- Graphic Arts
- Textiles and Furnishings
- 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
- Crestacryl
- Texipol
- Crystic
- Crestakyd
- Crestomer

**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.

	Key features/benefits	NVC %	Solvent	Oil type	Oil length %	Typical viscosity mPa.s	Acid value mg KOH/g	Colour Gardner
<b>CRESTAKYD 10-0504</b>	100% solids alkyd for low VOC exterior paints and wood stains.	100	n/a	Linoleic rich	84	3200	max. 12	max. 6
<b>CRESTAKYD 10-1019</b>	Top quality gloss paints for both decorative and marine applications.	60	White spirit	Linoleic rich	67	2000	max. 10	max. 6
<b>CRESTAKYD 10-1022</b>	Standard top quality alkyd for use in decorative gloss paints.	70	White spirit	Linoleic rich	67	8000	max. 10	max. 6
<b>CRESTAKYD 10-1025</b>	Used for economical gloss paints and primers.	55	White spirit	Linoleic rich	67	1000	max. 10	max. 6
<b>CRESTAKYD 10-1061</b>	High viscosity alkyd for use in economic decorative paints.	70	White Spirit	Linoleic rich	54	25000	max. 12	max. 6
<b>CRESTAKYD 10-1066</b>	Standard long oil alkyd, used in DIY gloss paints.	70	White Spirit	Linoleic rich	66	2750	max. 12	max. 6
<b>CRESTAKYD 10-2020</b>	Standard long oil alkyd for use in decorative gloss paints.	60	High flash white spirit	Linoleic rich	67	3250	max. 10	max. 6
<b>CRESTAKYD 10-2023</b>	Suitable for high solids wood stains and varnishes giving excellent durability.	70	High flash white spirit	Linoleic rich	70	700	max. 10	max. 6
<b>CRESTAKYD 10-2033</b>	Fast drying alkyd with good flow characteristics.	60	High flash white spirit	Linoleic rich	60	4000	max. 10	max. 6
<b>CRESTAKYD 10-2505</b>	Suitable for high solids decorative paints and lacquers with excellent durability.	80	High flash white spirit	Linoleic rich	67	3500	max. 10	max. 7
<b>CRESTAKYD 10-3000</b>	Top quality gloss paints for both decorative and marine applications.	70	Aliphatic naphtha	Linoleic rich	62	3000	max. 10	max. 7
<b>CRESTAKYD 10-3002</b>	High viscosity long oil alkyd for use in decorative enamels, primers and undercoats.	70	Aliphatic naphtha	Linoleic rich	62	11500	max. 10	max. 8
<b>CRESTAKYD 10-3507</b>	Top quality alkyd for use in decorative gloss paints and varnishes.	75	Aliphatic naphtha	Linoleic rich	62	5250	max. 12	max. 6

### Medium Oil Alkyds

<b>CRESTAKYD 20-5024</b>	Used for air drying and low bake industrial finishes.	60	Xylene	Linoleic rich	48	1650	max. 12	max. 6
<b>CRESTAKYD 20-5029</b>	Chain stopped alkyd used for general industrial air drying finishes and machinery enamels.	60	Xylene	Linoleic rich	49	1000	max. 10	max. 6
<b>CRESTAKYD 20-5036</b>	Chain stopped alkyd used for general industrial air drying primers and enamels.	65	Xylene	Linoleic rich	49	2750	max. 10	max. 6
<b>CRESTAKYD 20-6051</b>	Used for primers and air drying industrial finishes.	60	Solvent 100	Linoleic rich	49	1000	max 10	max. 6
<b>CRESTAKYD 20-9003</b>	Chain stopped alkyd exhibiting fast drying and good hardness development. Used for a variety of air dried and force dried high grade industrial finishes including machinery enamels, drum paints and car repair finishes.	55	Aliphatic naphtha / Xylene	Linoleic rich	48	6250	max. 10	max. 8
<b>CRESTAKYD 20-9021</b>	Economical chain stopped alkyd used for fast drying machinery enamels.	55	White spirit / Xylene	Linoleic rich	49	12000	max. 10	max. 6
<b>CRESTAKYD 20-9074</b>	Used for primers and air drying industrial finishes.	55	White spirit / Xylene	Linoleic rich	49	850	max. 12	max. 6
<b>CRESTAKYD 20-9509</b>	Woodfinishing alkyd used for lower VOC coatings.	75	Butyl acetate	Linoleic rich	50	2000	max 30	max. 8

## Short Oil Alkyds

	Key features/benefits	NVC %	Solvent	Oil type	Oil length %	Typical viscosity mPa.s	Acid value mg KOH/g	Colour Gardner
CRESTAKYD 30-5005	Quick drying short oil alkyd used for primers and top coats for metal and wood.	55	Xylene	Linoleic rich	40	1250	max. 15	max. 6
CRESTAKYD 30-5016	Used for very quick drying industrial paints with good all round properties.	50	Xylene	Mixed non-yellowing	24	5500	max. 22	max. 6
CRESTAKYD 30-5018	Used with amino resins in acid catalysed wood finishes. Fast cure rates, very good hardness and cold check resistance.	60	Xylene	Linoleic rich	36	8000	max. 25	max. 7
CRESTAKYD 30-5034	Used for low colour industrial wood coatings.	50	Xylene	Special FA	43	150	max. 10	max. 6
CRESTAKYD 30-5042	Fast drying short oil alkyd supplied in xylene for use in air dry and force dry primers and topcoats. Also used for marine paints.	60	Xylene	Linoleic rich	40	3750	max. 15	max. 8
CRESTAKYD 30-5049	Used in acid catalysed wood finishes with fast cure rates and good hardness development.	55	Xylene	Linoleic rich	36	2500	max. 25	max. 7
CRESTAKYD 30-5057	Wood finishing alkyd for nitrocellulose sealers and finishers.	70	Xylene	Linoleic rich	40	4000	max. 12	max. 6
CRESTAKYD 30-5064	Fast drying alkyd for air drying and force drying primers and finishers.	60	Xylene	Linoleic rich	34	2100	max. 15	max. 7
CRESTAKYD 30-5068	Quick drying alkyd for primers and top coats on metal and wood substrates.	60	Xylene	Linoleic rich	40	3000	max. 15	max. 6
CRESTAKYD 30-5069	Alkyd with excellent colour retention used in acid catalysed wood finishes.	60	Xylene	Special FA	36	8000	max. 25	max. 7
CRESTAKYD 30-5071	Used for the production of nitrocellulose and acid cured wood finishes, also 2K isocyanate finishes for wood and metal coatings.	70	Xylene	Castor	45	15000	max. 20	max. 8
CRESTAKYD 30-5500	Short oil alkyd used for high solids, air drying industrial finishes.	75	Xylene	Linoleic rich	38	7500	max. 15	max. 6
CRESTAKYD 30-5514	High solids short oil alkyd for air drying industrial finishes.	75	Xylene	Linoleic rich	38	6500	max. 12	max. 7
CRESTAKYD 30-9055	Wood finishing alkyd used in nitrocellulose primers and top coats.	70	Butyl acetate	Linoleic rich	38	4000	max. 12	max. 7
CRESTAKYD 30-9502	Short oil alkyd for high solids top coats with good colour and drying properties.	75	Xylene / Methoxy propanol	Linoleic rich	35	2250	max. 10	max. 1.5

## Modified Alkyds

CRESTAKYD 41-5009	Styrene modified alkyd used for hammer finishes and quick drying enamels. Also used in the marine industry for quick drying coatings.	60	Xylene	Mixed non-yellowing	32	1800	max. 9	max. 6
CRESTAKYD 41-5013	Styrenated epoxy ester used where chemical and corrosion resistance is required. Typically, air dry-stoving applications for chemical plant, automobile primer and primer surfacers.	60	Xylene	Mixed non-yellowing	35	1500	max. 9	max. 5
CRESTAKYD 41-6010	Styrene modified alkyd used for quick drying enamels.	70	Solvent 100	Mixed non-yellowing	34	16000	max. 9	max. 6
CRESTAKYD 44-5014	Rosin & phenolic alkyd used for general purpose primers. Paints exhibit fast dry and excellent solvent release.	50	Xylene	Linoleic / tung	31	1400	max. 32	max. 10
CRESTAKYD 44-5027	Rosin and phenolic modified alkyd with exceptional drying and excellent water, petrol and oil resistance.	60	Xylene	Linseed / tung	33	3000	max. 15	
CRESTAKYD 44-5043	Rosin & phenolic alkyd used for general purpose primers. Paints exhibit fast dry and excellent solvent release.	60	Xylene	Linoleic / wood	36	3250	max. 25	max. 10

## Solvent Based Acrylics

	Key features/benefits	NVC %	Tg °C	Solvent	Acrylic type	Typical viscosity mPa.s	Colour Gardner
<b>CRESTACRYL 71-1030</b>	Acrylic resin with excellent adhesion, vapour permeability and flexibility. Used for high grade façade, wall and concrete paints and sealers.	50	14	White spirit	Thermoplastic	1600	max. 4
<b>CRESTACRYL 71-5060</b>	Thermoplastic acrylic resin for use on metal and wood.	50	51	Xylene	Thermoplastic	17000	max. 4
<b>CRESTACRYL 71-8026</b>	Used for high grade road marking paints with excellent solvent release.	60	31	Toluene	Thermoplastic	14500	max. 4
<b>CRESTACRYL 71-9044</b>	Used for high grade road marking paints with excellent solvent release.	66	23	Butyl acetate	Thermoplastic	7000	max. 4

## Water Based Emulsion Polymers

	Key features/benefits	NVC %	Tg °C	MFFT °C	Polymer Type	Typical viscosity mPa.s	pH
<b>TEXICRYL 13-067</b>	Resin for use in architectural coatings, emulsion paints and textured finishes.	50	29	18	Styrene / Acrylic	7000	8.5
<b>TEXICRYL 13-313</b>	Pseudoplastic associative acrylic thickener providing excellent in-can structure and pigment suspension.	30	94	20	Acrylic	25	3
<b>TEXICRYL 13-317</b>	Medium shear rate viscosity thickener for water based decorative coatings. Good film build, levelling and roller splatter resistance.	30	79	29	Acrylic	30	2.5
<b>TEXICRYL 13-601</b>	Pure Acrylic emulsion for the formulation of solvent free interior and exterior paints. Excellent non blocking and low dirt pick up characteristics.	50	8	0	Acrylic	100	7.5
<b>TEXICRYL 13-602</b>	For use in economic interior and exterior emulsion paints.	50	20	20	Styrene / Acrylic	1000	8



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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## SmartLab Direct

SmartLab Direct gives customers access to our Scott Bader rheology experts. Customers are assured of a prompt response to their enquiry and the help they need, meaning product innovations get to market faster than you might have thought possible.

- Specialist advice direct from our rheology experts
- Access to remote testing facilities
- Request FREE samples of products
- Bespoke formulations FAST

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