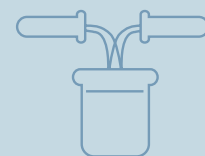
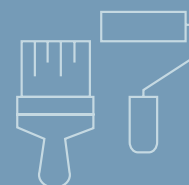


Your partner for the
CASE market



Coatings
Adhesives
Construction
Polyurethanes

Portfolio CASE

Product portfolio CASE

Trade name	Product group	Application				Product description	Supplier
		1	2	3	4		
CRAYVALLAC®	Dispersants	■				<ul style="list-style-type: none"> Pigment dispersants Use in solvent-based systems 	ARKEMA
CRAYVALLAC®	Thickeners / rheology modifiers	■	■	■	■	<ul style="list-style-type: none"> Hydrogenated castor oil, polyamide, modified urethane, oxidised PE for solvent-based systems PU modified acrylics & solutions of modified urea for aqueous systems 	
CRAYVALLAC®	Levelling agents	■				<ul style="list-style-type: none"> Polyester & acrylic based levelling agents 	
CRAYVALLAC®	Waxes	■				<ul style="list-style-type: none"> PE (FT), PP & PTFE based waxes 	
AVEDEX® PERFECTAMYL® SOLVICOL®	Starch derivatives	■	■			<ul style="list-style-type: none"> Thickening, adhesive or binding additives Use e.g. in adhesives 	AVEBE
CASUCOL™ OPAGEL™ SOLVITOSE®	Starch ethers			■		<ul style="list-style-type: none"> Thickening additives Use in dry mortar formulations 	
Mech ^T E35A	Carbon nanotubes dispersions (CNT)	■				<ul style="list-style-type: none"> Improvement of electrostatic properties or electrical conductivity. Use in ESD-UV-coatings & photopolymer SLA/DLP 3D-printing systems with ESD properties 	Bomar
BOMAR® OLIGOMERS	Oligomers & curatives		■			<ul style="list-style-type: none"> Aliphatic & aromatic urethane, polyether urethane & polyester urethane acrylates or methacrylates for radical curing applications 	
IMUTHANE®	H12MDI, IPDI & TDI prepolymers	■	■	■	■	<ul style="list-style-type: none"> Tailor-made prepolymers Non-labelled aliphatic & aromatic diisocyanates with very low free-monomer content For 1K & 2K PU applications 	COIM
CORTEC M-Series	Corrosion inhibitors	■	■			<ul style="list-style-type: none"> Additives for temporary & long-term corrosion protection of steel & non-ferrous metals 	CORTEC
KELCO-VIS™	Diutan gum	■	■	■		<ul style="list-style-type: none"> Highly effective, pseudoplastic thickeners Use in aqueous systems 	CP KELCO
KELTROL® KELZAN®	Xanthan gum	■	■	■		<ul style="list-style-type: none"> High molecular weight anionic polysaccharide Strongly pseudoplastic 	
BURNOCK® AC WATERSOL® AC	Acrylic polyols	■	■			<ul style="list-style-type: none"> OH-functional acrylic resins Use in aqueous or solvent-based 2K systems 	DIC
FINEPLUS® AC	Acrylic powder resins	■	■			<ul style="list-style-type: none"> Glycidyl methacrylate for powder coatings Very good adhesion, e.g. on plastics 	
BURNOCK® PU 89er Reihe	Core-shell isocyanates	■	■	■		<ul style="list-style-type: none"> Longer pot life, less blistering at higher wet layer thicknesses Less NCO excess required 	
BURNOCK® EP WATERSOL® EP	Epoxy esters	■	■			<ul style="list-style-type: none"> For use in aqueous or solvent-based 1K corrosion protection systems 	
FINEPLUS® HM	Polyester polyols	■	■			<ul style="list-style-type: none"> Use in reactive 2K PU hot melt adhesives 	
BURNOCK® PU WATERSOL® PU	Polyurethane resins	■	■			<ul style="list-style-type: none"> Excellent adhesion on critical substrates For aqueous or solvent-based printing inks 	
UNIFY®	Coalescents	■				<ul style="list-style-type: none"> VOC-free coalescing aid 	ELEVANCE

1 Coatings
2 Adhesives
3 Construction
4 Polyurethanes

Trade name	Product group	Application				Product description	Supplier	
		1	2	3	4			
TEGO® PROTECT	Anti-graffiti additives					<ul style="list-style-type: none"> For aqueous or solvent-based polyurethane coatings 	Evonik Coating Additives	
ADDID® 230						<ul style="list-style-type: none"> Solvent-free, liquid additive to increase the conductivity of industrial coatings 		
TEGO® ADDBOND, TEGO® VARIPLUS	Co-binders					<ul style="list-style-type: none"> Ketone aldehyde & polyester resins to increase strength & improve adhesion to the substrate & interlayer adhesion 		
CARBOWET®, COLOROL F ZETASPERSE®, LIPOTIN® TEGO® DISPERS, TEGOMER® DA	Dispersing agents					<ul style="list-style-type: none"> Dispersing agents for resin & resin-free pigment preparations 		
AIRASE® SURFYNOL® TEGO® AIREX TEGO® FOAMEX TEGO® ANTIFOAM, SITREN AIRVOID®	Defoamers & deaerators					<ul style="list-style-type: none"> Nonionic surfactants, organic oils, mineral oils, siloxanes, molecular defoamers Products also in powder form For water-based or solvent-based paints & varnishes, concrete, superplasticisers and dry mortar 		
TEGO® FLOW TEGO® GLIDE	Slip & levelling additives					<ul style="list-style-type: none"> Improves levelling & reduces cratering For adjusting slip properties & blocking resistance 		
TEGO® RAD	Slip & levelling additives					<ul style="list-style-type: none"> Acrylic additives to improve slip, substrate wetting, anti-cratering, scratch resistance & levelling in radiation & UV cured coatings 		
ADDID® 900 ADDID® 911	Adhesion promoters					<ul style="list-style-type: none"> Solvent-free, amino-functional alkoxysilanes for improving the adhesion of solvent & waterborne industrial coatings 		
TEGO® PHOBE, TEGOSIVIN® SITREN® P	Hydrophobing agents					<ul style="list-style-type: none"> For water & solventborne coatings, concrete admixtures & dry mortar 		
NANOCRYL®, NANOPOX® NANOPOL®	Nanoresins					<ul style="list-style-type: none"> For the modification of common and & radiation cured coatings with nanoparticles 		
CARBOWET®, DYNOL®, SURFYNOL®, TEGO® WET SURFYNOL® AS, LIPOTIN® TEGOPREN®, TEGO® SURTEN, COLOROL F, TEGO® TWIN	Wetting agents					<ul style="list-style-type: none"> Non-foaming / low-foaming wetting agents Fast & effective substrate wetting even on difficult substrates, good levelling Also in powder form, VOC-free, solvent-free 		
TEGO® VISCOPLUS	Rheology additives					<ul style="list-style-type: none"> Associative polyurethane thickeners for modifying rheological profiles in water-based systems 		
ALBIDUR®, ALBIPOX® ALBIFLEX®	Silicone elastomers					<ul style="list-style-type: none"> Modification of the fracture toughness of coatings without changing the viscosity 		
SILIKOPON®, SILIKOPUR®, SILIKOPHEN®, TEGOMER® SILIKOFTAL®, SILIKOTOP®	Silicone resins & components					<ul style="list-style-type: none"> Silicones and hybrids with polyesters, epoxides & polyurethanes Special binders, heat-resistant up to 650 ° C 		
VERSALINK®	PU amine chain extenders					<ul style="list-style-type: none"> Primary monomeric & oligomeric amines For PU, polyurea & epoxy applications 		Evonik Comfort & Insulation
DABCO® POLYCAT®	PU amine catalysts					<ul style="list-style-type: none"> Metal-free & emission-free alternatives to tin or mercury catalysts For use in 1K & 2K PU applications 		
KOSMOS®	PU metal catalysts					<ul style="list-style-type: none"> Metal catalysts based on tin, bismuth, zinc & potassium For use in 1K & 2K PU applications 		
ORTEGOL®	PU performance additives					<ul style="list-style-type: none"> Process additives for PU production Products to modify final properties Antistatics, abrasion resistance improvers, aldehyde scavengers & much more 		
TEGOSTAB®	PU foam stabilisers					<ul style="list-style-type: none"> Silicon-based & silicon-free surfactants For use in 1K & 2K PU applications 		

Trade name	Product group	Application				Product description	Supplier
		1	2	3	4		
ANCAMINE®, AMICURE®, ANCHOR®, CATALYST, CUREZOL®, DICYANEX®, IMICURE®	Epoxy accelerators & modifiers	■	■	■		<ul style="list-style-type: none"> Accelerators / Catalysts Use in 1K & 2K epoxy systems 	Evonik Cross-linkers
ANCAREZ®, EPIRES®, EPODIL®	Epoxy resins & reactive diluents	■	■	■		<ul style="list-style-type: none"> Liquid & solid bisphenol-based specialty resins, acrylic-functional urethane resins & hydrocarbon resins Reactive diluents based on mono- and diglycidyl ethers 	
ANCAMIDE®, ANCAMINE®, AMICURE®, ANQUAMINE®, ANCHOR®, EPILINK®, CUREZOL®, IMICURE®, DICYANEX®	Epoxy curing agents	■	■	■		<ul style="list-style-type: none"> Modified polyamines, amidoamines, adducts, imidazoles, dicyandiamide, aminoamides Use in 1K or 2K epoxy systems Solvent-based, solvent-free & waterborne 	
HYBRIDUR®	Urethane acrylic hybrid resins	■	■	■		<ul style="list-style-type: none"> NMP-free, aqueous PU acrylic hybrid dispersions Well-balanced ratio between hardness & toughness as well as rapid curing Excellent adhesion spectrum on various substrates 	
REWOPOL®	Emulsifiers	■	■	■		<ul style="list-style-type: none"> Ionic & non-ionic emulsifiers for polymer & fine dispersions 	Evonik Interface & Performance
TEGOCOLOR®	PU colour pastes	■	■	■		<ul style="list-style-type: none"> Pigment pastes for PU formulations 	
SITREN AIRVOID®	Air entrainers	■	■	■		<ul style="list-style-type: none"> Powder & liquid foam stabilisers For concrete & cementitious systems 	
SITREN® SRA SITREN® PSR SITREN® MR	Shrinkage reducers Release agents	■	■	■		<ul style="list-style-type: none"> Powder shrinkage reducers for cementitious formulations Concentrates of biobased oils as a substitute for petroleum based release agents 	
TEGO® RHEO	Thickeners	■	■	■		<ul style="list-style-type: none"> Pseudoplastic and newtonian PU thickeners 	NEWOS
NEWOSTAT®	Antistatic additives	■	■	■		<ul style="list-style-type: none"> Cationic, non-ionic & anionic antistatic additives for polymers Reduction of electrostatic charges on surfaces 	
FINNFIX®	CMC	■	■	■		<ul style="list-style-type: none"> Carboxymethyl cellulose in different viscosities for all industrial applications Rheology control, water retention, film forming in adhesives & paints Purified & technical grades 	NOURYON
MARZON® ULTRAFLO®	PTFE powders PTFE dispersions Fluorinated mica	■	■	■	■	<ul style="list-style-type: none"> Low coefficient of friction, non-stick properties, wear resistance, abrasion resistance, corrosion protection & improved chemical resistance 	PPG LAUREL
BIOPOLYOLS	Biobased polyols	■	■	■	■	<ul style="list-style-type: none"> Polyols based on renewable sources, such as tall oil and rapeseed oil 	POLYLABS
SONGNOX® CS	Antioxidants	■	■	■	■	<ul style="list-style-type: none"> Phenol derivatives, phosphites, sulphur compounds Retardation of thermal degradation of organic substrates 	SONGWON
Functional Monomers	DCPD adducts, bisphenol types & anhydrides	■	■	■	■	<ul style="list-style-type: none"> For the production & modification of numerous resins & plastics with the highest chemical purity Optimisation of chemical, thermal & mechanical stability 	
SONGSORB® CS	HALS	■	■	■	■	<ul style="list-style-type: none"> Sterically-hindered amines (HALS) Retardation of the light-induced degradation of polymers 	
SONGCURE® CS SONGSORB® CS	UV initiators UV absorbers	■	■	■	■	<ul style="list-style-type: none"> UV initiators for UV-curing of coatings, inks & adhesives Benzotriazoles, benzophenones, triazines, benzoate, cyanoacrylate, oxanilide Retardation of light-induced degradation of organic substrates UV protection for deeper layers 	
Texipol Texicryl	Rheology Additives	■	■	■	■	<ul style="list-style-type: none"> „HASE thickener“ hydrophobically modified polyacrylates, for covering wide range of rheology profiles 	Scott Bader

Applications & product groups

1 Coatings

Acrylic powder resins	Diutan gum	PU amine catalysts
Acrylic polyols	Emulsifiers	PU amine chain extenders & curatives
Anhydrides	Epoxy accelerators & modifiers	PU metal catalysts
Anti-graffiti additives	Epoxy curing agents	PU performance additives
Antioxidants	Epoxy esters	Rheology additives / thickeners
Antistatic agents	Epoxy resins & reactive diluents	Silicone elastomers
Bisphenol types	Fluorinated mica	Silicone resins & components
Bonding agents	H12MDI, IPDI & TDI prepolymers	Slip and flow additives
Carbon nanotube dispersions (CNT)	HALS light stabilisers	Starch derivatives
CMC	Hydrophobing agents	Thickeners
Co-binders	Levelling agents	Urethane acrylic hybrid resins
Core-shell isocyanates	Nanoresins	UV absorbers
Corrosion inhibitors	Oligomers & curatives	Waxes
DCPD adducts	Photoinitiators	Wetting agents
Deaerators	Polyurethane resins	Xanthan gum
Defoamers	PTFE dispersions	
Dispersants	PTFE powders	

2 Adhesives

Acrylate powder resins	Epoxy curing agents	HALS light stabilisers
Acrylic polyols	Epoxy resins & reactive diluents	PU foam stabilisers
Antioxidants	Nanoresins	PU metal catalysts
CMC	Oligomers & curatives	PU performance additives
Core-shell isocyanates	Photoinitiators	Rheology additives / thickeners
Corrosion inhibitors	Polyester polyols	Silicone elastomers
Deaerators	PTFE dispersions	Starch derivatives
Defoamers	PTFE powders	Urethane acrylic hybrid resins
Dispersants	PU amine catalysts	UV absorbers
Diutan gum	PU amine chain extenders & curatives	Wetting agents
Emulsifiers	Fluorinated mica	Xanthan Gum
Epoxy accelerators & modifiers	H12MDI, IPDI & TDI prepolymers	

Construction

Airetrainers	Epoxy curing agents	PU metal catalysts
Antioxidants	Epoxy resins & reactive diluents	PU performance additives
Biobased polyols	Fluorinated mica	Shrinkage reducing agents
CMC	H12MDI, IPDI & TDI prepolymers	Starch ethers
Core-shell isocyanates	HALS light stabilisers	Release agents
Deaerators	Hydrophobing agents	Rheology additives / thickeners
Defoamers	PTFE dispersions	Urethane acrylic hybrid resins
Dispersing agents	PTFE powders	UV absorbers
Diutan gum	PU amine catalysts	Wetting agents
Emulsifiers	PU amine chain extenders	Xanthan gum
Epoxy accelerators & modifiers	PU foam stabilisers	

4 Polyurethanes

Antioxidants	PTFE dispersions	PU metal catalysts
Antistatic agents	PTFE powders	PU performance additives
Biobased polyols	PU amine catalysts	Rheology additives / thickeners
Fluorinated mica	PU amine chain extenders	UV absorbers
H12MDI, IPDI & TDI prepolymers	PU colour pastes	
HALS light stabilisers	PU foam stabilisers	



Contact person

Dr. Martin Liebenau

Business Manager
CASE
Phone: +49 40 32008-489
m.liebenau@biesterfeld.com

Kathrin Jordan

Market Manager
CASE Coatings
Phone: +49 40 32008-207
k.jordan@biesterfeld.com

Robert Geffken

Market Manager
CASE Adhesives & Construction
Phone: +49 40 32008-222
r.geffken@biesterfeld.com

Alexander Bär

Market Manager
CASE Polyurethane
Phone: +49 40 32008-492
a.baer@biesterfeld.com

Sergej Kahan

Market Development Manager
CASE Coatings
Phone: +49 40 32008-494
s.kahan@biesterfeld.com

Lukas Eckl

Product Manager
CASE
Phone: +49 40 32008-360
l.eckl@biesterfeld.com

Imprint

Published by:

Biesterfeld Spezialchemie GmbH – CASE
Ferdinandstrasse 41
20095 Hamburg
Deutschland

Phone: +49 40 320 08-489
Fax: +49 40 320 08-443
case@biesterfeld.com
www.biesterfeld-spezialchemie.com

Registered Office:

Hamburg, Commercial Register: AG Hamburg, HRB 66970, USt-ID-Nr. DE196 930 661

Managing Directors:

Peter Wilkes, Sergej Lazovic

Our raw material information, data and graphics were obtained from the records of our raw material suppliers.
Local availability of products might differ from country to country.

Disclaimer:

We shall not be liable for the suitability of the goods for the purpose intended by Customer, unless the achievement of a certain outcome of the utilisation was expressly incorporated into the contract. Our advice, information or recommendations regarding application shall be provided to the best of our knowledge. As the actual application is beyond our scope of influence, and as the circumstances of such application are not completely foreseeable, written and verbal indications, suggestions etc. can only be provided on a non-binding basis. They shall in particular not release Customer from the obligation to examine our products and goods for their suitability with regard to the intended processes and purposes.



Biesterfeld Spezialchemie GmbH

Ferdinandstrasse 41
20095 Hamburg
Phone: +49 40 32008-0
Fax: +49 40 32008-696
www.biesterfeld.com
case@biesterfeld.com

