

Your partner for the CASE market



Portfolio CASE

Applications & product groups

1 Coatings

Acrylic powder resins Acrylic polyols Adhesion promoter Alkyd resins Anhydrides Anti-graffiti additives Antioxidants Antistatic agents **Biobased** polyols Biocides **Bisphenol types** Bonding agents Carbon nanotube dispersions (CNT) Coalescing agent Co-binders Core-shell isocyanates Corrosion inhibitors DCPD adducts Deaerators Defoamers

2 Adhesives

Acrylic polyols Antioxidants Core-shell isocyanates Corrosion inhibitors Deaerators Defoamers Dispersants Diutan gum Emulsifiers Epoxy accelerators & modifiers Epoxy curing agents

3 Construction

Airentrainers Alkyd Resins Antioxidants Biobased polyols CMC Core-shell isocyanates Deaerators Defoamers Dispersing agents Diutan gum Emulsifiers Epoxy accelerators & modifiers

4 Polyurethanes

Antioxidants Antistatic agents Biobased polyols Emulsifier Fluorinated mica

- Dispersants Diutan gum Emulsifiers Epoxy accelerators & modifiers Epoxy curing agents Epoxy esters Epoxy resins & reactive diluents H12MDI, IPDI & TDI prepolymers HALS light stabilisers High-performance additive Hydrophobing agents Levelling agents Matting/haptic agent Nanoresins Neutralizing amine Oligomers & curatives Performance additive Photoinitiators Pigment concentrate Polyesterbased resins
- Epoxy resins & reactive diluents Nanoresins Oligomers & curatives Photoinitiators Polyester polyols PU amine catalysts PU amine chain extenders & curatives H12MDI, IPDI & TDI prepolymers HALS light stabilisers PU foam stabilisers PU metal catalysts

Epoxy curing agents Epoxy resins & reactive diluents H12MDI, IPDI & TDI prepolymers HALS light stabilisers Hydrophobing agents PU amine catalysts PU amine chain extenders PU foam stabilisers PU metal catalysts PU performance additives Shrinkage reducing agents Silane modified polymers

H12MDI, IPDI & TDI prepolymers HALS light stabilisers PU amine catalysts PU amine chain extenders PU colour pastes Polyurethane resins PU amine catalysts PU amine chain extenders & curatives PU metal catalysts PU performance additives Reactive resin modifier Rheology additives / thickeners Silicone elastomers Silicone resins & components Slip and flow additives Solvent-based acrylic resins Surfactants System cleaner Thickeners Urethane acrylic hybrid resins UV absorbers UV initiators Waxes Wetting agents Xanthan gum

PU performance additives Rheology additives / thickeners Silane modified polymers Silane modified reactive diluents Silicone elastomers Starch derivatives Urethane acrylic hybrid resins UV absorbers Wetting agents Xanthan Gum

Silane modified reactive diluents Starch ethers Release agents Rheology additives / thickeners Urethane acrylic hybrid resins UV absorbers Wetting agents Xanthan gum

PU foam stabilisers PU metal catalysts PU performance additives Rheology additives / thickeners UV absorbers

Product portfolio CASE

Trade name	Product group		րկե	cati	511	Product description	Supplier
	riodaet group	1	2	3	4		
CELLANO™	Matting/ haptic agent					High quality biodegradable matting performance enhancer out of cellulose	ANOMER
DEXTRACEL®	Performance additive					Biodegradable multifunctional performance enhancer, 100% cellulose nano crystals	ANOWENA
CRAYVALLAC®	Dispersants					 Pigment dispersants Use in solvent-based systems 	
CRAYVALLAC®	Thickeners / rheology modifiers					 Hydrogenated castor oil, polyamide, modified urethane, oxidised PE for solvent-based systems PU modified acrylics & solutions of modified urea for aqueous systems 	ARKEMA
CRAYVALLAC®	Levelling agents Waxes					 Polyester & acrylic based levelling agents PE (FT), PP based waxes 	
AVEDEX® PERFECTAMYL® SOLVICOL®	Starch derivatives					 Thickening, adhesive or binding additives Use e.g. in adhesives 	AVEBE
CASUCOL™ 0PAGEL™ ©OLVITOSE®	Starch ethers					Non-thickening rheology modifying additivesUse in dry mortar formulations	AVEDE
AECHT	Carbon nanotubes dispersions (CNT)					Improvement of electrostatic properties or electrical conductivity. Use in ESD-UV-coatings & photopolymer SLA/DLP 3D-printing systems with ESD properties	BOMAR
OMAR® OLIGOMERS	Oligomers & curatives					Aliphatic & aromatic urethane, polyether urethane & polyester urethane acrylates or methacrylates for radical curing applications	DOWAR
MUTHANE®	H12MDI, IPDI & TDI prepolymers					 Tailor-made prepolymers Non-labelled aliphatic & aromatic diisocyanates with very low free-monomer content For 1K & 2K PU applications 	СОІМ
ORTEC M-Series	Corrosion inhibitors					 Additives for temporary & long-term corrosion protection of steel & non-ferrous metals 	CORTEC
ELCO-VIS™	Diutan gum					Highly effective, pseudoplastic thickenerUse in aqueous systems	
ELTROL® ELZAN®	Xanthan gum					 High molecular weight anionic polysaccharide Strongly pseudoplastic 	CP KELCO
BURNOCK® AC VATERSOL® AC TINEPLUS® AC	Acrylic polyols Acrylic powder					 OH-functional acrylic resins Use in aqueous or solvent-based 2K systems Glycidyl methacrylate for powder coatings 	
BURNOCK [®] PU 89er Reihe	resins Core-shell					 Very good adhesion, e.g. on plastics Longer pot life, less blistering at higher wet layer thicknesses 	
URNOCK® EP VATERSOL® EP	isocyanates Epoxy esters					 Less NCO excess required For use in aqueous or solvent-based 1K corrosion protection systems 	DIC
INEPLUS® HM BURNOCK® PU VATERSOL® PU	Polyester polyols Polyurethane resins					 Use in reactive 2K PU hot melt adhesives Excellent adhesion on critical substrates For aqueous or solvent-based printing inks 	
EXANOL PTIFILM Enhancer	Coalescing agent					Widely used coalescing agent - VOC-free Frequently used coalescing agents - VOC-free	
AB OLUS	High performance additive and co- resin					 Cellulose derivatives to increase the application and usage properties in s/b paints 	
ETRASHIELD	Polyesterbased resins					 High-performance polyester resins; for industrial, metal and packaging coatings 	EASTMA
DVANTIS	Adhesion promoter					• Adhesion promoter for different substrates for s/b and w/b	
ANTEX-T DVANTEX	Neutralizing amine					Low-VOC, low-odor high quality neutralizing agent for w/b systems	
AMISOLVE NXG	Solvent					 High quality neutralizing agent for w/b systems Appropriate CMR-free solvent with aprotic property 	
JNIFY®	Coalescents					VOC-free coalescing aid	ELEVANC

		Application		on			
Trade name	Product group	1	2	3	4	Product description	Supplier
VERSALINK®	PU amine chain					Primary monomeric & oligomeric diamines	
	extenders					 For PU, polyurea & epoxy applications 	
DABCO®	PU amine					 Metal-free & emission-free alternatives to tin or 	
POLYCAT®	catalysts					mercury catalysts	
						• For use in 1K & 2K PU applications	
KOSMOS®	PU metal					Metal catalysts based on tin, bismuth, zinc & potassium	EVONIK
	catalysts					For use in 1K & 2K PU applications	Comfort &
ORTEGOL®	PU performance additives					 Process additives for PU production Products to modify final properties 	Insulation
	auunives					 Antistatics, adhesion promoter improvers, aldehyde 	
						scavengers & much more	
TEGOCOLOR®	PU colour pastes					Pigment pastes for PU formulations	
TEGOSTAB®	Surfactants					Silicon-based & silicon-free surfactants	
						• For use in 1K & 2K PU applications	
TEGO [®] PROTECT	Anti-graffiti					• For aqueous or solvent-based polyurethane coatings	
	additives						
ADDID® 230	Anti-static					• Solvent-free, liquid additive to increase the conductivity	
	additive					of industrial coatings	
TEGO [®] ADDBOND,	Co-binders					• Ketone aldehyde & polyester resins to increase strength	
TEGO® VARIPLUS						& improve adhesion to the substrate & interlayer adhesi-	
	Dianation					on	
CARBOWET [®] , COLOROL F ZETASPERSE [®] , LIPOTIN [®]	Dispersing					 Dispersing agents for resin & resin-free pigment preparations 	
TEGO® DISPERS,	agents					preparations	
TEGOMER® DA							
AIRASE®	Defoamers &					 Nonionic surfactants, organic oils, mineral oils, siloxanes, 	
SURFYNOL®	deaerators					molecular defoamers	
TEGO [®] AIREX						• Products also in powder form	
TEGO® FOAMEX						• For water-based or solvent-based paints & varnishes,	
TEGO [®] ANTIFOAM						concrete, superplasticisers and dry mortar	
SITREN AIRVOID®							EVONIK
TEGO® FLOW	Slip & levelling					Improves levelling & reduces cratering	Coating
TEGO® GLIDE	additives					For adjusting slip properties & blocking resistance	Additives
TEGO [®] RAD	Slip & levelling additives					 Acrylic additives to improve slip, substrate wetting, anti- cratering, scratch resistance 	
	adultives					& levelling in radiation & UV cured coatings	
ADDID [®] 900	Adhesion					 Solvent-free, amino-functional alkoxysilanes for improving 	
ADDID® 911	promoters					the adhesion of solvent & waterborne industrial coatings	
TEGO® PHOBE, TEGOSIVIN®	•					 For water & solventborne coatings, concrete 	
SITREN [®] P	agents					admixtures & dry mortar	
CARBOWET [®] , DYNOL [®] ,	Wetting agents					 Non-foaming / low-foaming wetting agents 	
SURFYNOL®, TEGO® WET						• Fast & effective substrate wetting even on difficult	
SURFYNOL® AS, LIPOTIN®						substrates, good levelling	
TEGOPREN®, TEGO® SURTEN,						Also in powder form, VOC-free, solvent-free	
COLOROL F, TEGO® TWIN	Phoology					• According the polyurothano thickonors for modifying	
TEGO [®] VISCOPLUS	Rheology additives					 Associative polyurethane thickeners for modifying rheological profiles in water-based systems 	
SILIKOPON [®] , SILIKOPUR [®] ,	Silicone resins &					Silicones and hybrids with polyesters, epoxides &	
SILIKOPHEN®, TEGOMER®	components					polyurethanes	



		Application					
Trade name	Product group	1	2	3	4	Product description	Supplier
ANCAMINE [®] , AMICURE [®] , ANCHOR [®] , CATALYST, CURE- ZOL [®] , DICYANEX [®] , IMICURE [®]						 Accelerators / Catalysts Use in 1K & 2K epoxy systems 	
ANCAREZ® EPIRES® EPODIL®	Epoxy resins & reactive diluents					 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®	Epoxy curing agents					 Modified polyamines, amidoamines, adducts, imidazoles, dicyandiamide, aminoamides Use in 1K or 2K epoxy systems Solvent-based, solvent-free & waterborne 	EVONIK Cross- linkers
HYBRIDUR®	Urethane acrylic hybrid resins					 NMP-free, aqueous PU acrylic hybrid dispersions Well-balanced ratio between hardness & toughness as well as rapid curing Excellent adhesion spectrum on various substrates 	
ALBIPOX® ALBIFLEX® ALBIDUR®	Reactive resin modifiers					 Linear block copolymers, core-shell silicone rubber and rubber toughened epoxies for different applications to improve a.o. impact resistance, toughness, thermal shock resistance or fatigue performance of reactive adhesives 	
REWOPOL®	Emulsifiers					Ionic & non-ionic emulsifiers for polymer dispersions	
SITREN AIRVOID®	Air entrainers					Powder & liquid foam stabilisersFor concrete & drymix systems	EVONIK
SITREN® SRA SITREN® PSR	Shrinkage reducers					 Powder shrinkage reducers for cementitious formulations 	Interface & Performance
SITREN® MR	Release agents					 Concentrates of biobased oils as a substitute for oil-based release agents 	
POLYMER ST TEGOPAC®	Silane modified polymers and reactive diluents					 Adhesives & Construction Methanol & ethanol releasing binders 	
TEGO® RHEO NANOCRYL®, NANOPOX® NANOPOL®	Thickeners Nano silica compounds					 Pseudoplastic and newtonian PU thickeners Modification of mechanical properties for coatings & adhesives (a.o. scratch resistance, fracture toughness) 	
KRONOS 9900	Pigment concentrate					 Titanium dioxide pigment concentrate for waterbased and hybrid inkjet inks 	KRONOS
NEWOSTAT®	Antistatic additives					 Cationic, non-ionic & anionic antistatic additives for polymers Reduction of electrostatic charges on surfaces 	NEWOS
BIOPOLYOLS	Biobased polyols					 Polyols based on renewable sources, such as tall oil and rapeseed oil 	POLYLABS
SONGNOX® CS	Antioxidants					 Phenol derivatives, phosphites, sulphur compounds Retardation of thermal degradation of organic substrates 	
Functional Monomers	DCPD adducts, bisphenol types & anhydrides					 For the production & modification of numerous resins & plastics with the highest chemical purity Optimisation of chemical, thermal & mechanical stability 	
SONGSORB [®] CS	HALS					Sterically-hindered amines (HALS)Retardation of the light-induced degradation of polymers	SONGWON
SONGCURE® CS SONGSORB® CS	UV inititiators UV absorbers					 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 	

1 Coatings

Trade name	Product group	Application					
		1	2	3	4	Product description	Supplier
TEXIPOL® TEXICRYL®	Rheology Additives					• HASE thickener" hydrophobically modified polyacrylates, for covering wide range of rheology profiles	
CRESTACRYL®	Solvent Acrylic Resins					 Solvent acrylic resins with outstanding durability and toughness for industrial applications 	SCOTT BADER
CRESTAKYD®	Solvent-based acrylic resins					• A range of acrylic dispersions	
VINKOCIDE PROMEX PARMETOL GROTAN GROTANOL	Biocide					 In-can biocides for coatings, building materials, adhesives, sealants 	VINK CHEMICALS
VINKOCIDE PROMEX PARMETOL	Biocide					 Biocides for dry film protection of coatings, building materials, adhesives, sealants and plastics 	CHEWICALS
VINKOCLEAN	System cleaner					Biocide free system cleaners	

Contact person

Kathrin Jordan

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

Robert Geffken

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

Benita Gutting

Product Manager CASE & Sustainability Specialist Phone: +49 40 32008-369 Mobile: +49 175 4579781 b.gutting@biesterfeld.com

Imprint

Published by:

Biesterfeld Spezialchemie GmbH – CASE Ferdinandstrasse 41 20095 Hamburg Deutschland

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



March 2025