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Sept. 2023



Product Brochure

*Paint Additives
Ink and inkjet additives
Ambient curing systems / thermoplastic
SMC / BMC and PVC plastisols*





UNIQ[®] FOAM
UNIQ[®] FLOW
UNIQ[®] SPERSE
UNIQ[®] JET
UNIQ[®] VIS
UNIQ[®] LIGHT

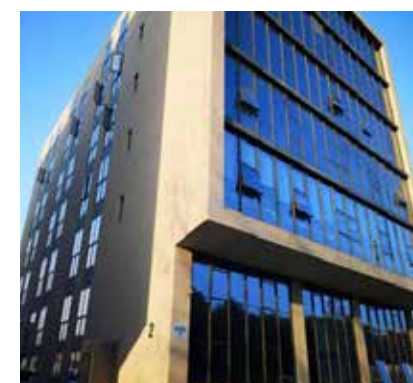
Company Introduction

UNIQCHEM is a privately owned specialty additive company with holding company in the UK founded in 2009. As the premier leader in manufacturing and development of high-performance additives, the global network of **UNIQCHEM** covers many countries in Europe, America and Asia with regional headquarters in Germany, China and USA. The regional headquarters consisting of a dedicated team of professionals with decennia of experience in the development, application know-how, production manufacturing, technical service and sales of additives for coatings, inks, inkjet and ambient curing systems and PVC plastisols industry. Our manufacturing and development of innovative high performance specialty additives are based in Germany and China. Global purchasing of raw materials is taking place from Germany to guarantee the consistency of our products. Our technology platform contains of many technologies: free radical polymerization, poly-addition reactions, poly-condensation reactions, hydrosilation and special blending technologies. From our global technical service lab network, we offering our customers the best solutions of product recommendations. We are committed creating added value and improving our customers' formulations with our complete range of specialty additives offering them the right solution. **UNIQ[®]FOAM** for defoamers and air release agents, **UNIQ[®]FLOW** for wetting and leveling agents, **UNIQ[®]SPERSE** and **UNIQ[®]JET** for wetting and dispersing agents, **UNIQ[®]LIGHT** for HALS and light stabilizers and **UNIQ[®]VIS** for specialties have achieved worldwide recognition for their performance, quality and technical innovation.

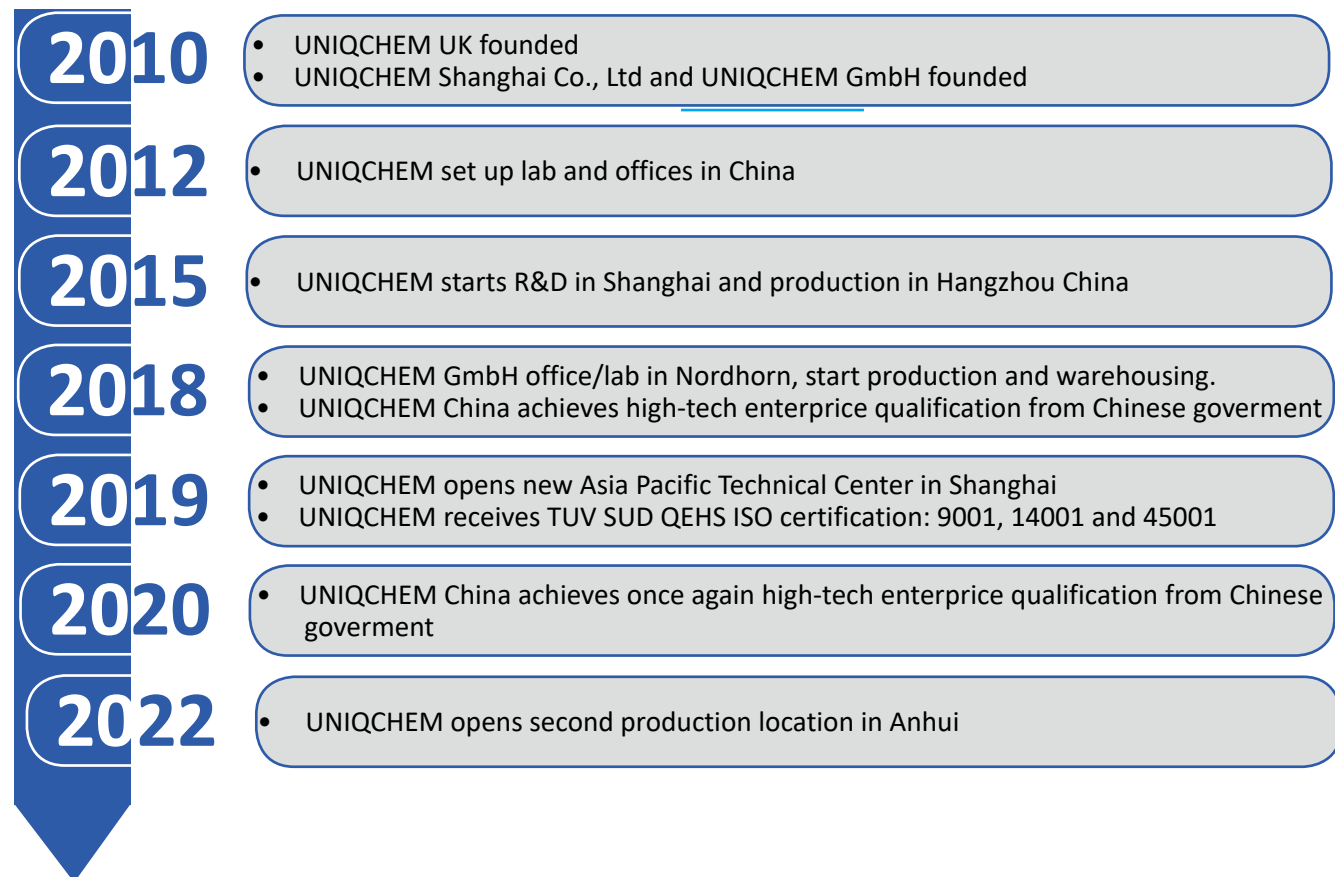
We continue to bring new technologies and products to the markets and to work collaboratively with our customers to build on our technical expertise. Special attention is given to our development of new products. To be innovative, our products needs to give an added value to our customers. Therefore, we continuous developing new products with improved features. That our R&D is successful is proven by the sales of new product developed in the last years. New in-house developed technologies have nowadays about 50% contributions to our global sales, what should be further increase in the coming years. We want to be your solution partner in specialty additives by strengthening your market position through technology and service, therefore our slogan is 'Customized Solutions':

- Creative Solutions to our Customers by finding solutions and sharing technical experiences through our corporation.
- Creative Solutions to our employees by offering them career opportunities and a safe and healthy working environment.
- Creative Solutions for the future and our environment by making use of environmentally friendly raw materials and less or/and non-polluting products serving the new upcoming technologies.

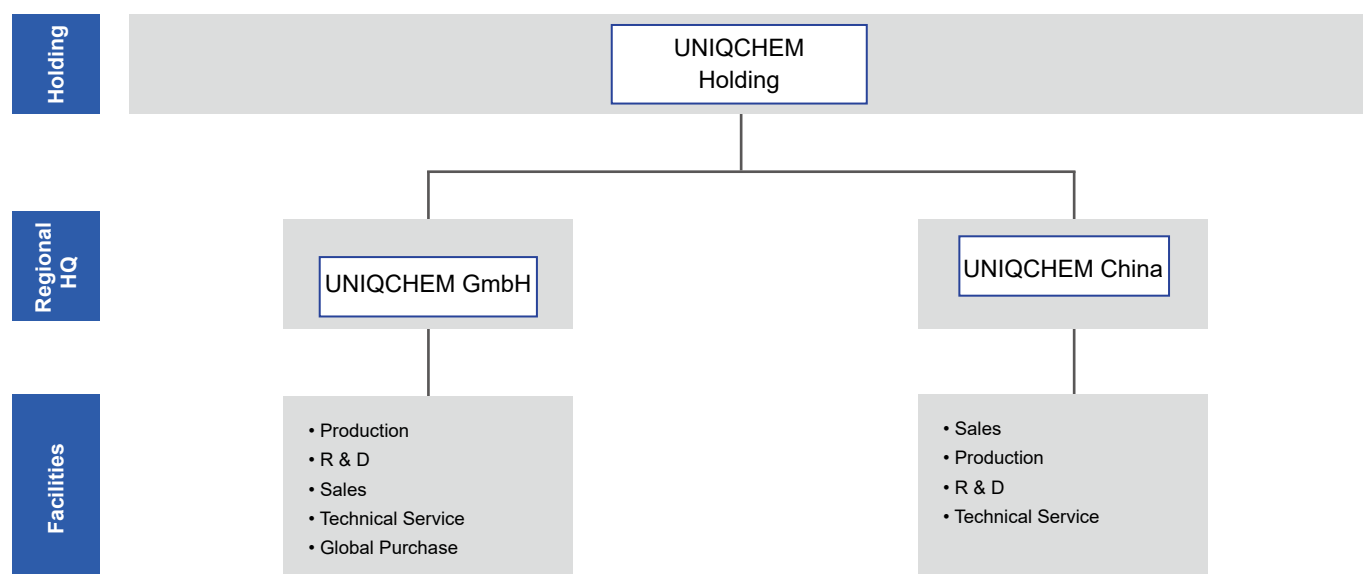
Our goal is to be the fastest growing and most competitive supplier of specialty additives in this market by offering the best service, supply and samples by our communication, corporation and commitment to you.



History



Company structure



Global organisation



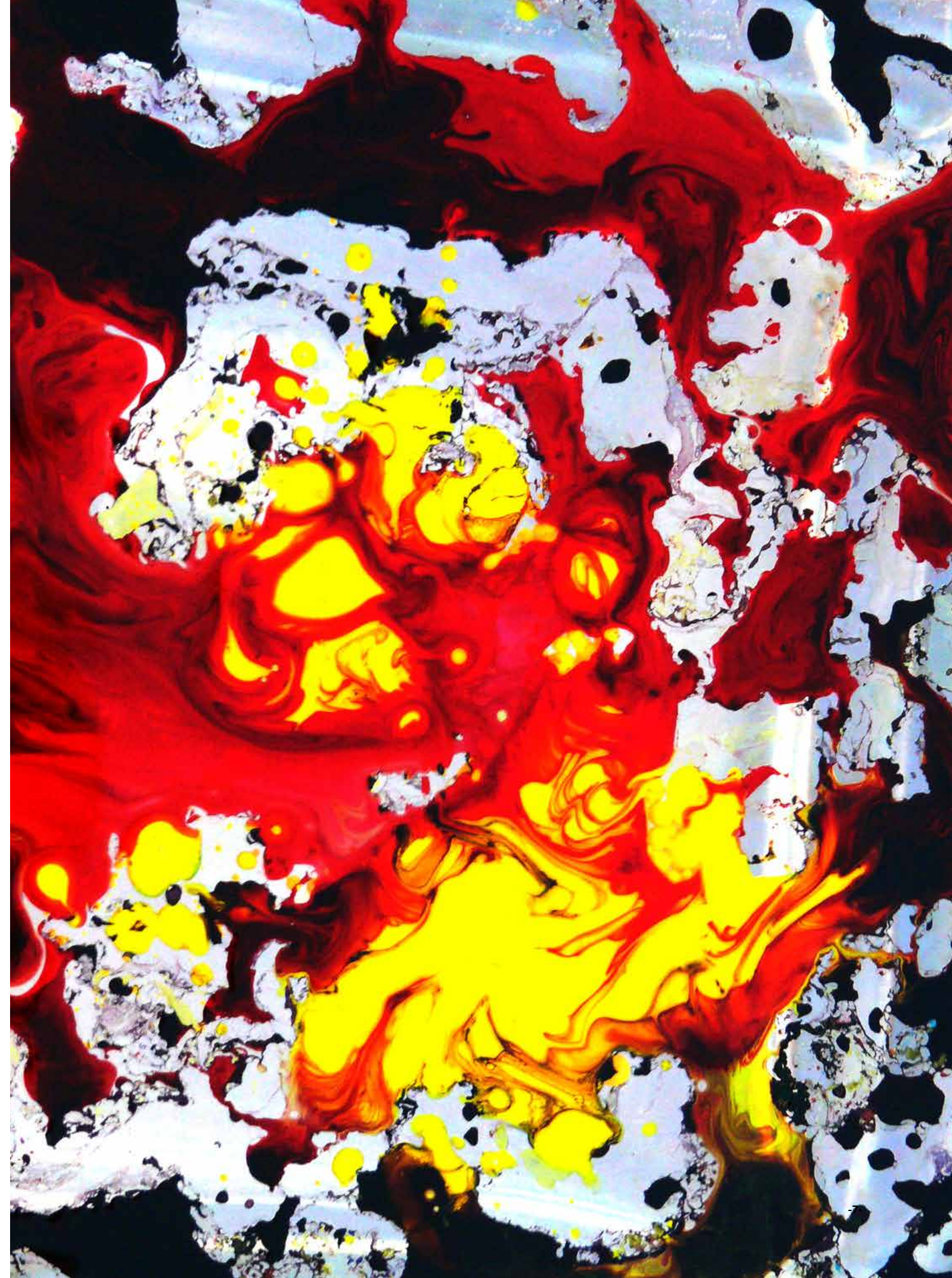
Product lines and nomenclature

	Brandname	Coatings	Ink	Plastic
Defoamers / Air release additives	UNIQ [®] FOAM	100 - 200	7000	P-5xx
Flow and wetting additives	UNIQ [®] FLOW	300 - 400	6000	P-3xx
Wetting and Dispersing additives	UNIQ [®] SPERSE UNIQ [®] JET	500 - 600 - 700	9000 9000	P-1xx - P-9xx
Rheology modifiers	UNIQ [®] VIS	800		
Light stabilizers	UNIQ [®] LIGHT	900		



S = Solvent based
 W = Water borne
 U = Universal

Additives for Paint and Coatings



PRODUCT	DESCR	DOSAGE (%)	PROPERTIES	WB	SB	SF
DEFOAMERS						
UNIQ [®] FOAM 120 S	Non silicone	0.1-1.0	Strong defoamer, can cause haze in high gloss clear coatings		■	
UNIQ [®] FOAM 130 S		0.1-1.0	Strong defoamer, very suitable for UPE and clear coating		■	
UNIQ [®] FOAM 131 S		0.1-1.0	Strong defoamer, very suitable for pigment coating		■	
UNIQ [®] FOAM 132 S		0.1-1.0	Strong defoamer, very suitable for clear coating, strong against pinholing and popping		■	
UNIQ [®] FOAM 150 S		0.1-1.0	is a strong defoamer especially suitable for solvent free epoxy and solvent free UV system. 100% version		■	■
UNIQ [®] FOAM 152 S		0.1-1.0	Suitable for solvent free epoxy and solvent free UV system. Good working against micro- and macro-foam		■	■
UNIQ [®] FOAM 155 S		0.1-1.0	Suitable for solvent free systems with rapid deaeration and defoaming, promotes leveling		■	■
UNIQ [®] FOAM 158 S		0.1-1.0	Suitable for solvent- and solvent free and UV systems with excellent compatibility		■	■
UNIQ [®] FOAM 170 S		0.1-1.0	Suited for UPE, HS coatings like epoxy and 2K PU		■	■
UNIQ [®] FOAM 175 S		0.1-1.0	Suited for OPV, UV and High gloss coatings		■	
UNIQ [®] FOAM 180 W		0.3-3.0	Levelling and anti-popping additive	■		
UNIQ [®] FOAM 182 W		0.3-3.0	Levelling and anti-popping additive	■		
UNIQ [®] FOAM LP2507		0.1-1.0	Suited for WB systems and pigment concentrates	■		
UNIQ [®] FOAM LP2537		0.3-1.0	Suited for WB decorative coatings	■		
UNIQ [®] FOAM LP2599		0.1-1.0	Mineral oil free defoamer for decorative market	■		
UNIQ [®] FOAM 235 S	Silicone	0.1-0.6	All round defoamer for spray, rolling, brushing and curtain coatings		■	
UNIQ [®] FOAM 238 S		0.1-0.7	Suited for top coating		■	
UNIQ [®] FOAM 246 S		0.1-0.6	All round defoamer for spray, rolling, brushing and curtain coatings, with strong micro-foam destroying		■	
UNIQ [®] FOAM 272 S		0.1-1.0	Very suited for HS epoxy and 2K PU coating system		■	■
UNIQ [®] FOAM 280 W		0.1-1.0	Defoamer for high gloss coating, coating systems, excellent compatibility	■		
UNIQ [®] FOAM 292 W		0.1-1.0	Suited for grinding and post addition topcoats, elimination micro- and macro foam			
UNIQ [®] FOAM 295 W		0.1-1.0	Strong high shear stable defoamer for grinding processes	■		
UNIQ [®] FOAM LP2500		0.1-1.0	Strong high shear stable defoamer for grinding processes and high shear applications	■		
UNIQ [®] FOAM LP2510		0.1-1.0	Economical silicone containing WB defoamer for architectural applications	■		
UNIQ [®] FOAM LP2560		0.1-1.0	Strong emulsified defoamer for topcoats, clearcoats, airless and airmix spraying applications	■		

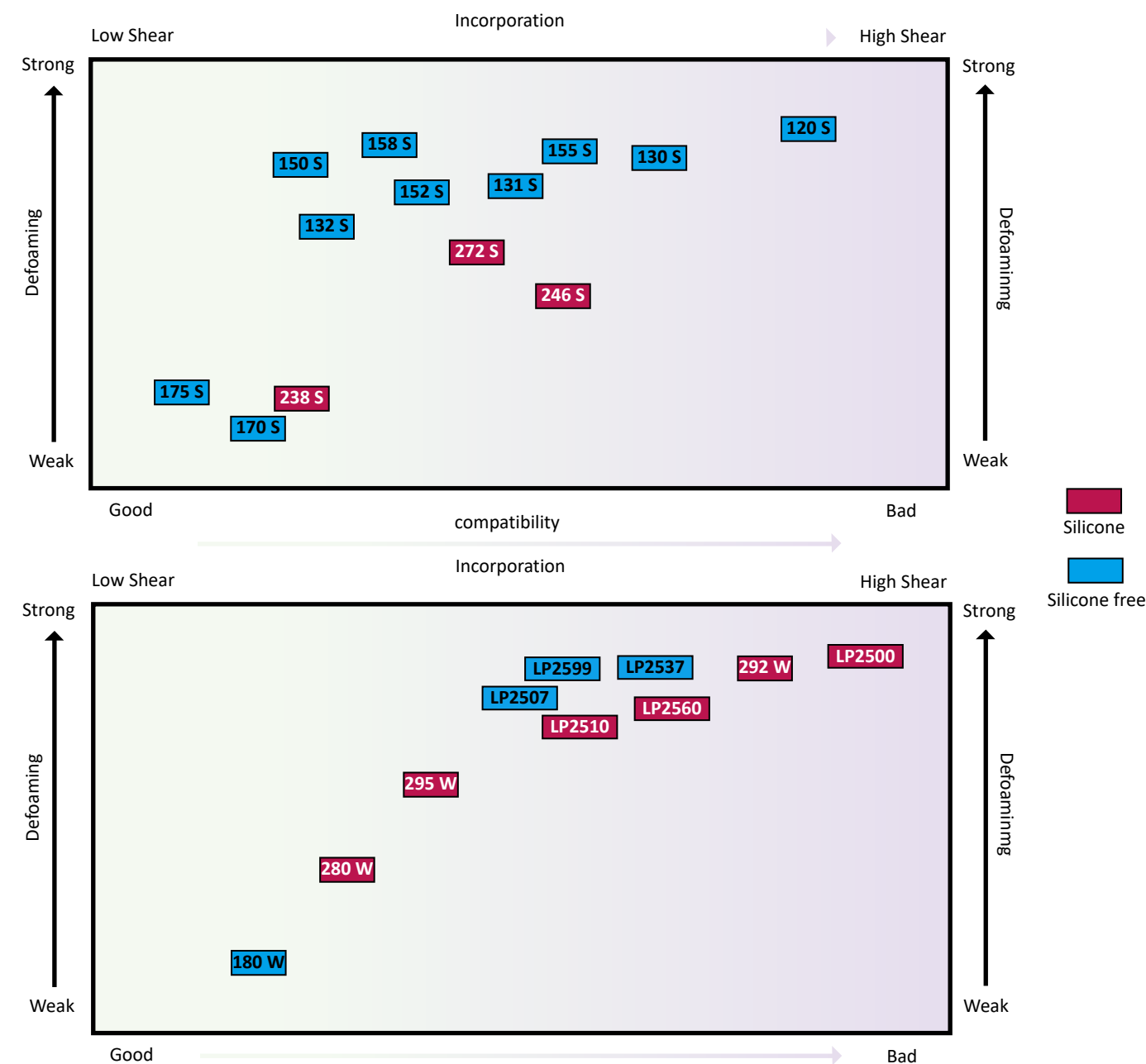


In industrial processes, foam can cause serious problems like:

- They cause defects on surface coatings.
- They prevent the efficient filling of containers.

To avoid these issues, the need for a defoamer or air-release agents is necessary. UNIQCHEM offers these additives under the brand **UNIQ[®]FOAM**.

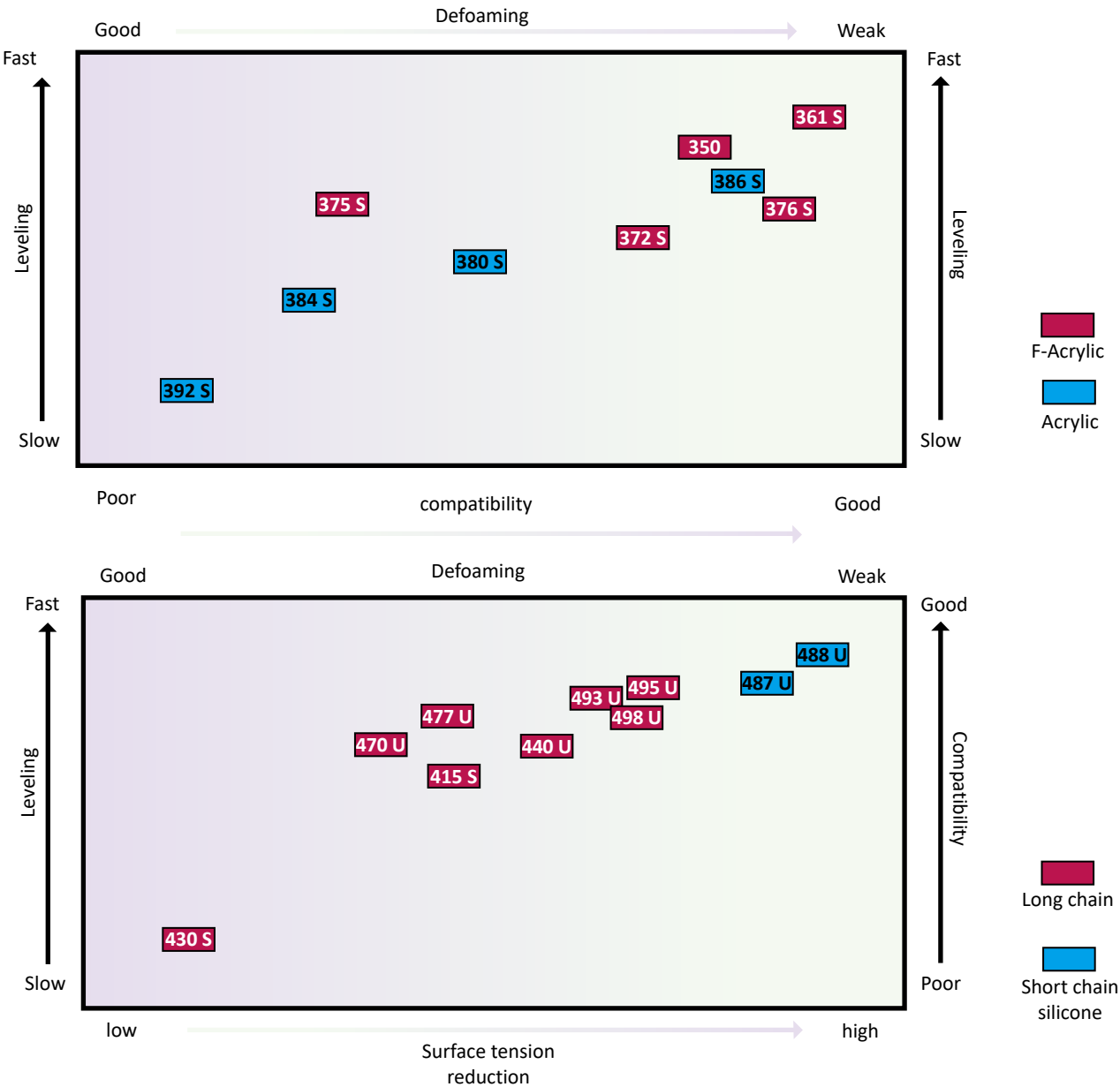
A defoamer or an anti-foaming agent is a chemical additive that reduces and hinders the formation of foam in industrial process liquids or is added to break a formed foam already. We can make a distinction between macro- and micro-foam. Macro-foam is often formed at the surface of the coating and micro-foam is entrapment of small air bubbles, they are not able to raise fast enough to the surface. For micro foam you need a so-called air release agent to coagulate the micro bubbles to bigger air bubbles so they can raise faster to the surface to be destroyed.



PRODUCT	DESCR.	ACTIVE	DOSAGE (%)	PROPERTIES	WB	SB	SF
Wetting agents and Surface modifiers							
UNIQ®FLOW 350 W	Fluor Modified Acrylate	100	0.1-1.0	Excellent wetting, anti-crater and leveling agent with defoaming properties	■	■	■
UNIQ®FLOW 352 W		100	0.1-1.0	Silicone free and Fluorine free wetting and leveling additives with defoaming properties	■		
UNIQ®FLOW 361 S		100	0.05-0.5	Anti-crater and wetting for high gloss coating, causing no haze		■	■
UNIQ®FLOW 372 S		60	0.1-1.0	All round levelling agent, more polar,no haze in clear	■	■	■
UNIQ®FLOW 375 S		70	0.1-1.0	All round levelling agent with defoaming performances		■	
UNIQ®FLOW 376 S		70	0.1-1.0	Suitable for high gloss clear coating, fast leveling and high clarity.		■	
UNIQ®FLOW 380 S	Acrylic polymer	100	0.1-1.0	Leveling agent with some deaeration properties		■	■
UNIQ®FLOW 384 S		100	0.0-1.0	Leveling agent with strong deaeration/air-release performances		■	■
UNIQ®FLOW 386 S		50	0.1-1.0	Leveling agent with good compatibility and leveling suited for all solvent based applications including		■	
UNIQ®FLOW 389 S		100	0.1-1.0	100% version of 386S		■	■
UNIQ®FLOW 392 S		50	0.1-1.0	Leveling agent with anti popping and deaeration properties		■	
UNIQ®FLOW 400 U	Modified Polysiloxane	50	0.1-1.0	All round silicone leveling agent	■	■	
UNIQ®FLOW 415 S		15	0.1-1.0	Very good short wave leveling with good slip performance		■	
UNIQ®FLOW 430 S		100	0.1-1.0	Levelling agent with strong air-release properties		■	■
UNIQ®FLOW 437 S		NA	1.0-5.0	Prevent pinholes, needles, blisters		■	
UNIQ®FLOW 440 U		50	0.1-0.3	Anti-crater and high slip	■	■	
UNIQ®FLOW 470 U		100	0.1-1.0	Very good leveling in UV coating with strong tape release	■	■	■
UNIQ®FLOW 477 U	short chain polysiloxane	100	0.1-1.0	Very good leveling and wetting, high slip and suitable for UV coating	■	■	■
UNIQ®FLOW 486 U		100	0.1-1.0	Excellent substrate wetting and anti-crater performance, very low foam stabilization	■	■	■
UNIQ®FLOW 487 U		100	0.1-1.0	Surface tension reduction, anti-crater and low foam, no influence on recoatability	■		■
UNIQ®FLOW 488 U		100	0.1-1.0	Strong surface tension reduction and excellent wetting properties, good compatibility, no influence	■		■
UNIQ®FLOW 489 U	Modified Polysiloxane	100	0.1-1.0	Excellent substrate wetting and anti-crater performance, very low foam stabilization	■	■	■
UNIQ®FLOW 491 U		100	0.1-1.0	Very good short wave leveling with good slip performance, high clarity	■	■	■
UNIQ®FLOW 493 U		100	0.1-1.0	Anti-crater, levelling with handfeeling	■	■	■
UNIQ®FLOW 495 U		100	0.1-1.0	Silicone leveling agent with excellent handfeeling	■	■	■
UNIQ®FLOW 498 U		100	0.1-1.0	Improves slip, excellent anti-blocking properties,	■	■	■
UNIQ®FLOW 499 U		100	0.2-3.0	Anti-graffitiy resistance additive after crosslinking	■	■	■



Flow and leveling agents playing a very important role for the superior appearances of your coating.
These additives are needed to avoid problems like: orange peel, Bernard cell formation, floating, flooding, craters, fish eyes, fat edge (also called edge crawling).
Leveling agents, due to the strong surface tension reduction properties can offer good wetting and leveling.
(Fluor modified) Acrylic leveling agents gives good long wave leveling and anti-crater performances.
These wetting and leveling agents are offered by UNIQCHEM under the brand of **UNIQ®FLOW**.



PRODUCT	DESCRIPTION			ACID	PROPERTIES	WB	SB	SF
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Dispersing Agents

UNIQ® SPERSE 510 S	PU dispersant	50	6	14	Suited for TiO2, inorganic pigments and matting agents		■	
UNIQ® SPERSE 550 S		45	14		General Industrial coatings, organic and inorganic pigments		■	
UNIQ® SPERSE 560 S		30	8		Dispersant for high performance requirements in industrial applications		■	
UNIQ® SPERSE 571 S	Structured Polymer	52	35		Compatible with CAB giving high jetness with blue undertone for HCC black pigments, suited all pigments		■	
UNIQ® SPERSE 580 U		100	52		High performance dispersant for difficult pigments. excellent jetness with blue undertone	■	■	■
UNIQ® SPERSE 586 U		100	45	3	Allround dispersant for organic and inorganic pigments showing excellent salt spray resistance	■	■	■
UNIQ® SPERSE 590 U		100	30	30	Suited for organic and inorganic pigments, excellent compatibility and disperseability transparent iron oxides	■	■	■
UNIQ® SPERSE 605 S	Polyester Dispersant	40	19	8	High performance dispersant for industrial coatings suited for all pigments		■	
UNIQ® SPERSE 615 S		40	19	8	High performance dispersant for industrial coatings suited for all pigments		■	
UNIQ® SPERSE 630 U	Structured	100	40		Mainly suited for HPP organic pigments, showing excellent transparency and chroma	■	■	■
UNIQ® SPERSE 650 U	Modified Acrylic	100		14	Mainly suited for inorganic pigments and matting agents	■	■	■
UNIQ® SPERSE 670 U	Structured Polymer	100	70	42	Dispersing agents for transparent iron oxide, matting agents, inorganic materials	■	■	■
UNIQ® SPERSE 680 U		100	65	9	High performance universal dispersant for all applications. Suited for all pigments.	■	■	■
UNIQ® SPERSE 685 U	Modified Acrylic	100		12	Industrial application, epoxy flooring, avoids color floatations, gel coats	■	■	■
UNIQ® SPERSE 688 W	Structured	35	22		Suited for resin free pigment concentrates for all kind of pigments with excellent water resistance	■		
UNIQ® SPERSE 690 W	Modified Block	40	15	15	Suited for organic and inorganic pigments, excellent compatibility	■		
UNIQ® SPERSE 692 W	Modified Block	40	20	20	Suited for all pigments, excellent compatibility and disperseability including transparent iron oxides	■		
UNIQ® SPERSE 710 S	Phosphoric acid	50		80	Excellent for TiO2, fillers and extenders, low viscosities		■	
UNIQ® SPERSE 711 S		100		140	100% version of 710S		■	■
UNIQ® SPERSE 715 S		100		105	Excellent for TiO2, fillers and extenders, low viscosities, economical version of 711S		■	■
UNIQ® SPERSE 716 S		50		68	Excellent for TiO2, fillers and extenders, low viscosities, economical version of 710S		■	
UNIQ® SPERSE 730 U	Carboxylic acid	100		60	Universal dispersant for TiO2, extenders and fillers, strong viscosity reduction	■	■	■
UNIQ® SPERSE 740 U	Unsaturated polyamide and acid ester salts	100	60	33	100% version of 745S		■	■
UNIQ® SPERSE 745 S		50	20	35	improve the pigment wetting and activation of organically Bentonites		■	
UNIQ® SPERSE 764 S	Unsaturated Carboxylic Acid	50		140	Anti flooding dispersant and suited for inorganic pigments		■	■
UNIQ® SPERSE 765 S		50		125	Anti flooding dispersant with silicone		■	■
UNIQ® SPERSE 770 U		100	88		Wetting dispersant for all kind of pigments, usage at low dosage	□	■	■
UNIQ® SPERSE LP4540A	Poly acrylic Acid	40			Excellent dispersing agent for grinding fillers and TiO2 for decorative, ammonia neutralised	■		
UNIQ® SPERSE LP4540N		40			Excellent dispersing agent for grinding fillers and TiO2 for decorative, sodium neutralised	■		
UNIQ® SPERSE LP4534		30			Hydrophobic dispersing agent for grinding fillers and TiO2 for decorative, improved scrub resistance	■		
UNIQ® SPERSE LP4544		40			Hydrophobic dispersing agent for grinding fillers and TiO2 for decorative, improved scrub and tint stability	■		



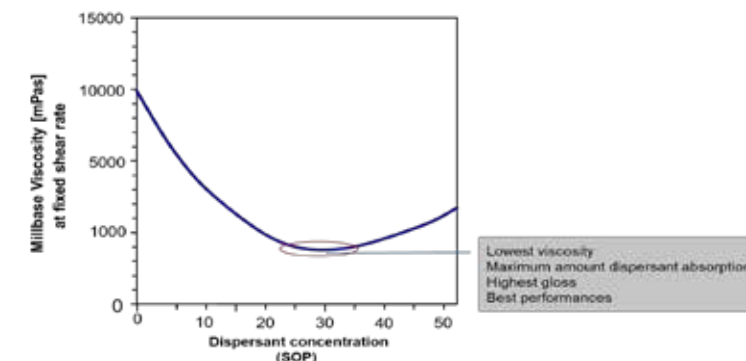
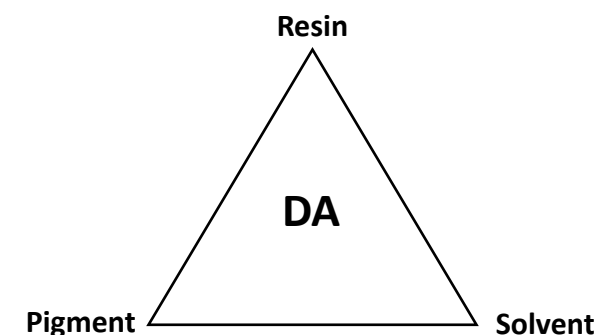
Dispersing agents playing a very important role for the wetting and stabilization of pigments.

The faster the wetting is taking place the faster the stabilization can take place. In this process it is important to be able to reduce the particle size back to the primary particle of the pigment. Then you will achieve the maximum color strength.

Very good dispersing agents will offer you very good viscosity reduction, color strength, reduction in processing time.

These Wetting and dispersing agents are offered by UNIQCHEM under the brand **UNIQ® SPERSE**.

Very important is to identify the right SOP (solid dispersant on pigment) what depends on the pigment type (color index), surface area, resin and solvent type and may differ from resin to resin and pigment to pigment. Ladder study for optimized dosage on dispersing agent on pigment is required.



	Inorganic Pigments	Organic Pigments	HPP organic pigments HCC black pigments
Solvent based			580U / 571S
		680 U / 586U	
		605S/ 615S	
		560S / 563S	
		550S	
	510S / 650U 710S / 730U		
Solvent free			P-134 / 586U
		680U / P-135	
	730U / 711 S / P-193 / P-195	685U	
Water Based			580U
		630U / 586U	
		680U / 590U	
		690W / 692W	
		685U	
	730U		
	LP4540A LP4540N/LP4534/LP4544		
	Decorative	Industrial	Automotive



PRODUCT	DESCRIPTION	DOSAGE (%)	PROPERTIES	WB	SB
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UNIQ®VIS 810 S	Polyurea	0.1-2	Urea thickener for low polar to medium polar area		■
UNIQ®VIS 812 S	Thixotropic synergist		Rheology modifier to activate hydrophilic fumed silica, anti-sagging and anti-settling properties		■
UNIQ®VIS 817 S		0.1-2	Provides excellent thixotropic synergy, anti-sagging and anti-settling properties, enhance the anti-floating		
UNIQ®VIS 840 W	Modified urea	3-10	Humectant, prevent drying out of pigment paste	■	
UNIQ®VIS LP8042	Polyurea	0.1-2	Urea thickener for medium polar to high polar area	■	
UNIQ®VIS LP8048		0.1-2	Urea thickener for medium polar to high polar area, NMP free	■	
UNIQ®VIS LP8050		0.1-2	Urea thickener for apolar to polar area, NMP free		■
UNIQ®VIS 882 S	Alkylolammonium salt	0.1-2	Increase the conductivity for electrostatically spraying		■



PRODUCT	DESCRIPTION	DOSAGE (%)	PROPERTIES	WB	SB
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UNIQ®LIGHT 923	HALS	0.5-3	Acid system HALS		■
UNIQ®LIGHT 992		0.5-3	Cost effective HALS	☐	■
UNIQ®LIGHT 930	Benzotriazole	1-3	Common used UV absorber	☐	■
UNIQ®LIGHT 940	hydroxyphenyl-triazine	1-3	High performance UV absorber	☐	■
UNIQ®LIGHT 951	Blend	1-5	Blend light stabilizer		■
UNIQ®LIGHT 960		1-3	Blend light stabilizer		■

This image shows a single page from a notebook or ledger. The page is white with light blue horizontal ruling lines spaced evenly down its length. There are approximately 20 lines visible. The top edge of the page has rounded corners. A dark grey binding strip is visible along the right edge of the page. The overall appearance is clean and unused.

Additives for Ink and Inkjet

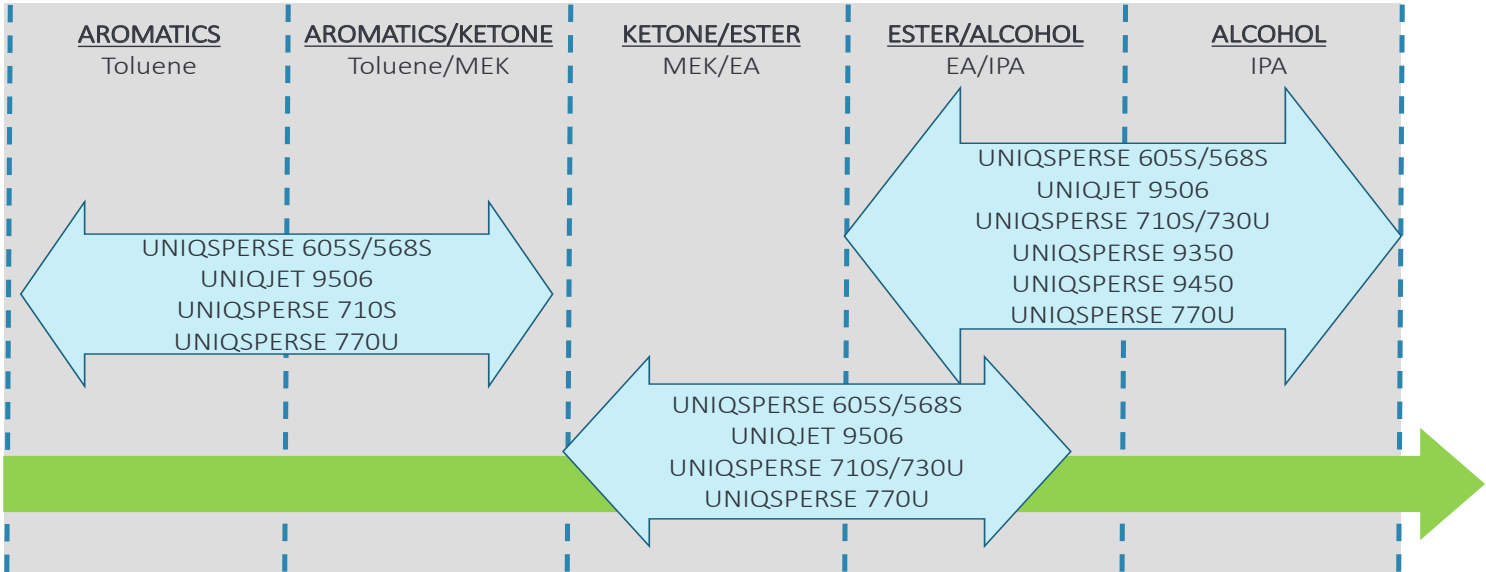




PRODUCT	DESCRIPTION	ACTIVE	AMINE VALUE	ACID VALUE	PROPERTIES	WB	SB	UV
Dispersing Agents								
UNIQ [®] SPERSE 9012	Polymeric	40	16	9	Suitable for all the pigments, can be used for pigment concentrates	■		■
UNIQ [®] SPERSE 9330		100		60	TiO ₂ and inorganic pigments dispersion, excellent in viscosity reduction	■	■	■
UNIQ [®] SPERSE 9335		35	17		Suitable for all the pigments, can be used for pigment concentrates, excellent transparency and density	■		
UNIQ [®] SPERSE 9350		45	14		Good compatibility with resins and solvents. Suitable for all pigments dispersion		■	
UNIQ [®] SPERSE 9370		100	80		Excellent wetting and dispersing agent compatibility with resins and solvents in high polar area like in alcohols. Suitable for all pigments dispersion		■	
UNIQ [®] SPERSE 9380		100	65	10	Excellent dispersant for all pigments suited for all kind of Ink and digital ink	■	■	■
UNIQ [®] SPERSE 9450		100	3	14	Suitable for universal tinters for all pigments dispersion. Especially good in TiO2 and inorganic pigments dispersion with good sedimentation and anti-floating properties	■	■	

PRODUCT	DESCRIPTION	ACTIVE	AMINE VALUE	ACID VALUE	PROPERTIES	WB	SB	UV
Dispersing Agents								
UNIQ [®] JET 9053	Polymeric	100		12	Suitable for universal tinters for all pigments dispersion. Especially good in TiO2 and inorganic pigments dispersion with good sedimentation and anti-floating properties	■	■	■
UNIQ [®] JET 9506		30	8		Good color developing for most of the organic pigments, improved viscosity, gloss and color strength		■	
UNIQ [®] JET 9510		100	17		Organic and inorganic pigments dispersion, excellent for jetness improvement of carbon black		■	■
UNIQ [®] JET 9520		100	12		Suitable for all pigments dispersion in solvent borne and UV system		■	■
UNIQ [®] JET 9530		100	45	13	Suitable for magenta pigments dispersion in solvent borne and UV system		■	■
UNIQ [®] JET 9550		100	75	11	Excellent color developing for several organic pigments, low viscosity, gloss, color strength and stability		■	■
UNIQ [®] JET 9560		100	50		Excellent color developing for most of the organic pigments, low viscosity, gloss, color strength and stability	■	■	■

Gravure ink



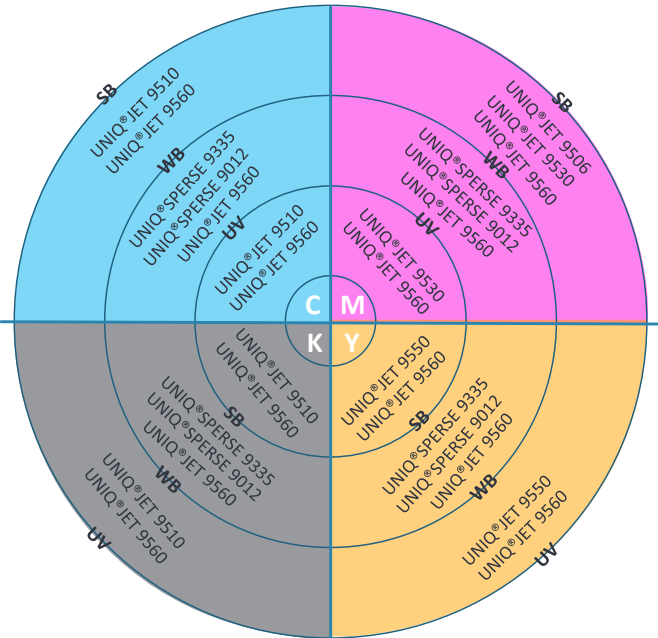
Flexographic ink

Solvent based	Water based
UNIQJET 9053 UNIQSPERSE 9380 UNIQSPERSE 9370 UNIQSPERSE 9330	UNIQJET 9012 UNIQSPERSE 9380 UNIQSPERSE 9335 UNIQSPERSE 9330

UV Offset ink

UV
UNIQJET 9550 UNIQJET 9560 UNIQSPERSE P-134 UNIQSPERSE 9330

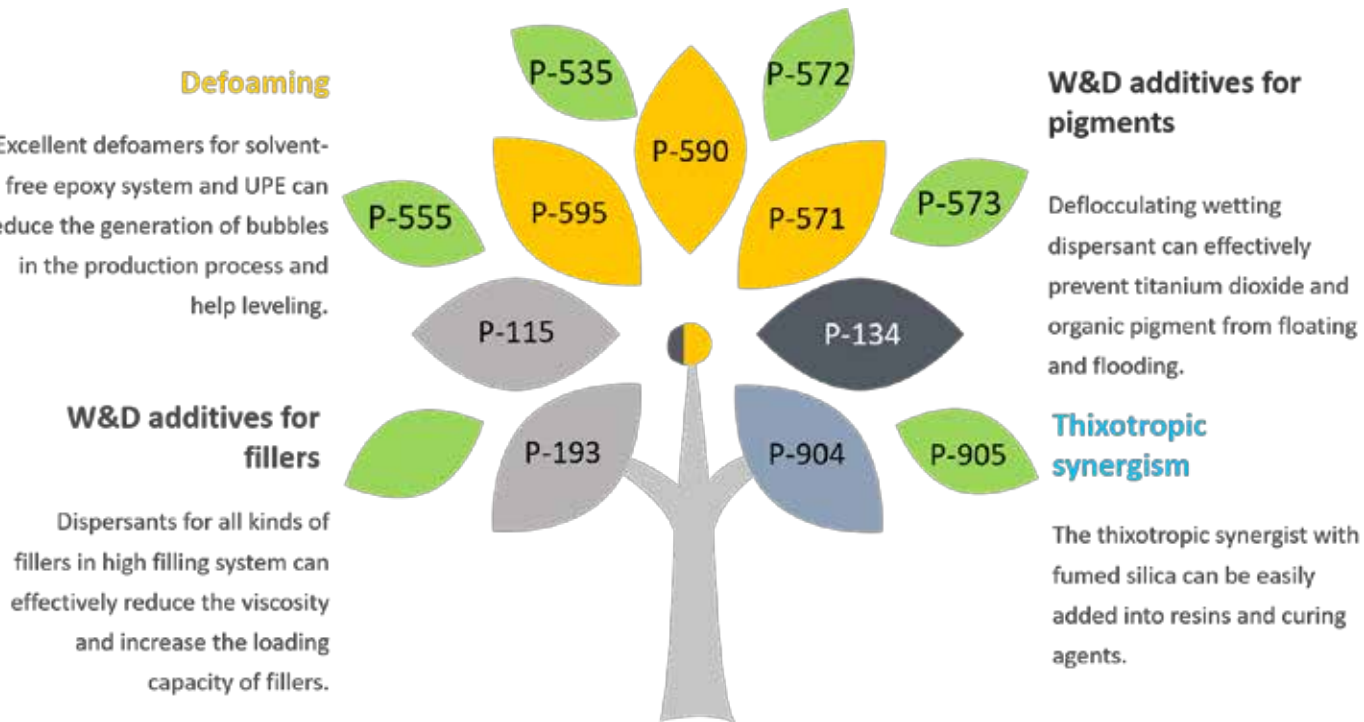
Inkjet SB, UV and WB



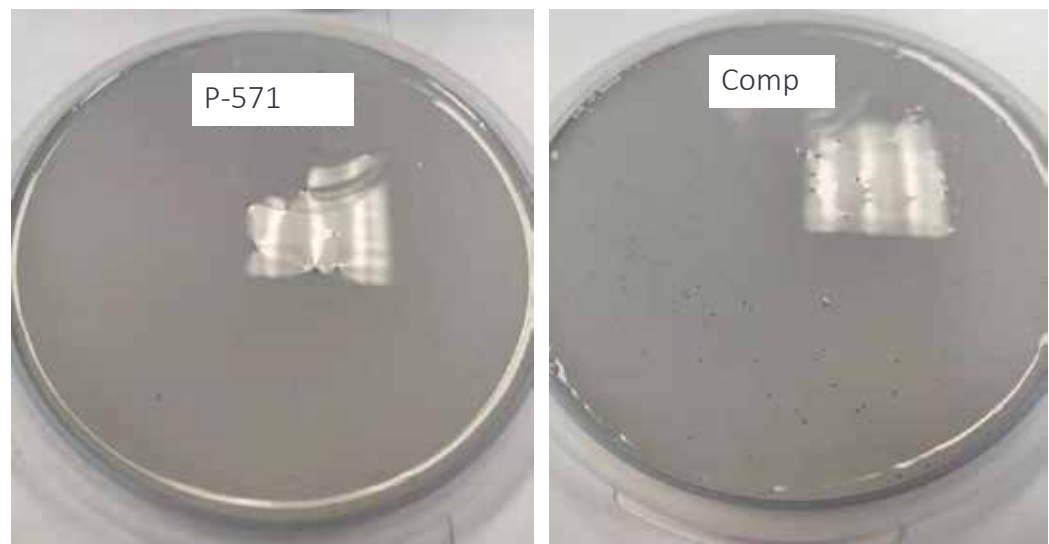
Additives for Composites, SMC/BMC, Ambient curing systems and PVC plastisols



UNIQCHEM offers a full range of additives for the ambient curing systems, PVC plastisols and composites. This is a range of defoamers, flow agents with strong defoaming properties, wetting and dispersing agents and rheology additives enhancers.



Defoamers for floor coatings



Dosage 0.5%

PRODUCT	Product type	Industrie	Systems	Filler type	Properties
UNIQ®SPERSE P-115	Dispersant	Molding/pultrusion/UPR/Adhesives/Sealants/potting	UPR/Vinyl	CaCO ₃ /ATH	Wetting and dispersing agent for filler material with strong viscosity reduction.
UNIQ®SPERSE P-172	Phase separation prevention additive	SMC	UPR/Vinyl	/	Effectively prevents phase separation of resin components from polystyrene
UNIQ®SPERSE P-134	Dispersant	Liquid colorants	Plasticizers / PU	Organic pigments/ Carbon black	Excellent wetting and dispersing agent for organic- and carbon black pigments, strong viscosity reduction and excellent color development
UNIQ®SPERSE P-135	Dispersant	SMC / Adhesives / Sealants / Potting/ epoxy	Gelcoats/ Epoxy	Organic- and inorganic pigments/ Carbon black	Excellent wetting and dispersing agent for organic- and carbon black pigments, strong viscosity reduction. Good anti floating and flooding performances
UNIQ®SPERSE P-141	Dispersant	UPR	UPR/Vinyl	CaCO ₃	Wetting and dispersing agent for fillers, strong viscosity reduction
UNIQ®SPERSE P-144	Dispersant	UPR	UPR/Vinyl/ Epoxy	CaCO ₃ /ATH	Wetting and dispersing agent for fillers, strong viscosity reduction
UNIQ®SPERSE P-193	Dispersant	100	SMC/ Adhesives/ Sealants/	CaCO ₃ /ATH/ Ca(OH) ₂ , fumed silica/ SiO ₂	Wetting and dispersing agent for filler material with strong viscosity reduction. Also suited for TiO ₂
UNIQ®SPERSE P-195	Dispersant	100	SMC/ Adhesives/ Sealants/	CaCO ₃ /ATH/ Ca(OH) ₂ , fumed silica/ SiO ₂	Wetting and dispersing agent for filler material with strong viscosity reduction. Also suited for TiO ₂
UNIQ®SPERSE P-904	Thixotropic synergist	Epoxy/UPR/ Adhesives/sealants	Epoxy/ UPR/ Adhesives / Sealant	Fumed Silica / Bentone	Thixotropic synergist with fumed silica, strong thixotropic effect
UNIQ®FOAM P-535	Defoamer	PU	PU	/	100% silicone free , excellent against micro and macro-foam
UNIQ®FOAM P-555	Defoamer	UPR	UPR	/	Strong defoamer, silicone free, especially suitable for UPR systems like putty and gelcoats
UNIQ®FOAM P-571	Defoamer	Epoxy/ UPR/ PU/ PVC	Epoxy/ UPR/ Adhesives / PU/ Sealant	/	Mainly suited for inorganic pigments and matting agents
UNIQ®FOAM P-573	Defoamer	Epoxy / PU	Epoxy / PU	/	Silicone containing defoamer with strong micro-defoaming properties
UNIQ®FOAM P-590	Defoamer	PU	PU adhesives and sealants	/	Silicone free 100% defoamer, offering strong anti-foam and macro defoaming properties, suited for fast curing systems
UNIQ®FOAM P-595	Defoamer	UPR/Epoxy/PU	UPR/Epoxy/ PU	/	Excellent transparency, suited for clear systems
UNIQ®VIS P-910	Rheology agent	Molding/pultrusion/UPR/adhesives/ sealants	UPR/Epoxy/ PU/Vinyl	Fumed silica/ bentones	Liquid rheology modifier can provide high thixotropic flow behavior and improve sag- and sedimentation resistance
UNIQ®VIS P-920	Rheology agent	Molding/pultrusion/UPR/adhesives/ sealants	UPR/Epoxy/ PU/Vinyl	CaCO ₃ /H ₃ AlO ₃ / Fumed silica/ SiO ₂ / TiO ₂	Liquid rheology modifier can provide high thixotropic flow behavior and improve sag- and sedimentation resistance
UNIQ®FLOW P-990	Fiber infiltration agent	Composites/Wind power/pultrusions/ winding	UPR/Epoxy/ PU/Vinyl	Glass Fiber / Carbon fiber	Improves wetting of glass- and carbon fibers, reduce bubble entrapment, avoid dry spots and reduce surface defects
UNIQ®SPERSE P-1450	Internal release agent	Composites/Wind power/pultrusions/ winding	UPR/Epoxy/ PU/Vinyl	/	Multifunctional mold release agent, low migration, no effect on secondary processing and reduce surface defects