



## Regional Headquarters

### Asia Pacific

#### **UNIQCHEM Shanghai Co., Ltd.**

1809 Qixin Road, West Zone, Building 8 Room 2308  
Red Dot City ,Minhang District ,  
201101 Shanghai , China  
Tel: +86 (0) 21 5433 6480  
Email: asia@uniqchem.com

### Europe, Middle East and Africa

#### **UNIQCHEM GmbH**

Hollandstrasse 7  
D-48527 Nordhorn, Germany  
Tel: +49 (0) 5921 853 7428  
Email: eu@uniqchem.com

[www.uniqchem.com](http://www.uniqchem.com)

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Jan. 2025



# Performance Additives for General Industrial Coating



## UNIQ® FOAM Defoamers

Product	Silicone	Polymer / Non-silicone	Main solvent	Water based	Solvent based	Solvent free	Characteristic	Addition amount (%)	Emulsion alkyd	Water reducible systems	Hybrid	Emulsion	Thermo plastic acrylic	NC/Chlor. rubber	2-pack PU	2-pack Epoxy	Baking systems	Air drying alkyds	UV
UNIQ®FOAM 120 S		•	SPB 140-165		•		strong defoamer especially during production and application to avoid foam formation	0.1-1.0					••	••	••	•	••	••	•
UNIQ®FOAM 131 S		•			•		Defoamer for pigmented coatings and especially against microfoam and popping. Has leveling properties.	0.1-1.0					••	•	•••		•••		
UNIQ®FOAM 132 S		•	PMA		•		Defoamer for clear coatings and pigmented systems, especially against microfoam, pinholing and popping in 2K PU systems.	0.1-1.0					•••	••	•••		•	•	
UNIQ®FOAM 170S		•	SN 90/170/PMA		•		Solvent free epoxy flooring, 2C PU systems and HS systems	0.1-1.0					••	••	••	••	••		
UNIQ®FOAM 182 W		•	Butyl glycol	•			Especially to avoid pinholing and popping reduce sensitivity for film thickness, often used in combination with other defoamer	0.3-3.0	•	•••	••	•••			••	••			
UNIQ®FOAM P-571		•			•	•	Solvent free epoxy flooring, 2C PU systems and HS systems	0.1-1.0					•	••	••	•••	••		••
UNIQ®FOAM LP2507		•	-	•			Suited for pigment concentrates and paint systems, especially for 2C PU	0.1-1.0	••	•••	••	•••			•••	••			
UNIQ®FOAM LP2599		•	—	•			Fatty acid based non silicone defoamer for clear and pigmented coatings, good working against micro and macro-foam	0.1-1.0	••	•••	••								
UNIQ®FOAM 246 S	•		DIBK		•		Best defoamer for spraying, roller, brushing and curtain coating applications, good working for against micro and macro-foam	0.1-0.7					••	••	•••	•••	•	•••	
UNIQ®FOAM 280 W	•		—	•			All-round WB defoamer	0.1-1.0	••	•••	••	••			••	•			
UNIQ®FOAM 295 W	•		—	•	•	•	Especially suited for primers and topcoats with strong working against micro-foam	0.1-1.0	•••	•••	•••	•••			••	••			
UNIQ®FOAM LP2500	•		—	•			Strong defoamer for pigment paste preparations, also suited for topcoats	0.1-1.0	•••	•••	•••	•••			•••	•••			
UNIQ®FOAM LP2560	•		—	•			Strong defoamer with good compatibility, easy to use, suited for pigment and non pigmented systems	0.1-1.0	•••	•••	•••	•••			••	•••			

## UNIQ® SPERSE Dispersing Agents

Product	Principal Component	Active (%)	Amine value mgKOH/g	Acid value mgKOH/g	Water based	Solvent based	Solvent free	Characteristic	Emulsion alkyd	Water reducible systems	Hybrid	Emulsion	Thermo plastic acrylic	NC/ Chlor. rubber	2-pack polyurethane	2-pack Epoxy	Baking systems	Air drying alkyds	UV
UNIQ®SPERSE 510 S	PU Dispersant	52	6	14		•		Specially suited for TiO2, matting agents, fillers for primers and topcoats. Avoid sedimentation					••	•••	••	••	••	••	
UNIQ®SPERSE 550 S	PU Dispersant	45	14	—		•		All-round dispersant agent for general purpose					•	••	•••	••	••	••	
UNIQ®SPERSE 560 S	PU Dispersant	30	8	—		•		High performance dispersing agent for refinish/ automotive. High transparency.					••	••	•••	••	•••	••	•
UNIQ®SPERSE 605 S	Polyester dispersant	40	19	8		•		Excellent dispersing agent for high jetness, high transparent pigment, automotive/refinish and coil					•••	•••	•••	•••	•••	•	•
UNIQ®SPERSE 650 U	Acrylic-polyester dispersant	100		14	•	•	•	Universal dispersing agent for TiO2, matting agents, fillers, suited for water-, solvent and solvent free systems	••	••	••	••	••	•	••	••	••	••	••
UNIQ®SPERSE 680 U	Acrylic-polyester dispersant	100	65	9		•	•	Universal high performance dispersant, suited for resin free, recommended for the dispersion of carbon black and high performance organic pigments	••	•••	•••	•••	•••	•••	•••	••	•••	•	••
UNIQ®SPERSE 686 S	Acrylic-polyester dispersant	100	57	11	•	•	•	High performance universal dispersant suited for all pigments. Gives excellent jetness and color development for organic pigments. CAB compatible.					•••	•••	•••	••	•••	•	•••
UNIQ®SPERSE 690 W	Block dispersant	40	15	15	•			All-round dispersant agent for general purpose for water based systems. High transparency and performances	•••	•••	•••	•••			•••	•••			•••
UNIQ®SPERSE 710 S	Phosphoric dispersant	52	—	80		•		Dispersing agent for TiO2 and fillers. Gives very low viscosity					••	••	•••	••	••	•	
UNIQ®SPERSE 730 U	Modified Acrylic Polymer	100	—	60	•	•	•	Excellent wetting and dispersing agents for TiO2 for high performance applications	•••	•••	•••	•••	•••	•••	••	••	•••	••	•••
UNIQ®SPERSE 765 S	Unsaturated Carboxylic acid	52	—	125		•		Anti-flooding and anti-floating agent. Can be post added					••	••	••	•••	•••	••	
UNIQ®SPERSE 770 U	Unsaturated Carboxylic acid	100	80	—	◦	•		Excellent cost effective wetting agent for all kind of pigments					••	••	••	••	••	••	

## UNIQ® FLOW Wetting Agents And Surface Modifiers

Product	Silicone	Acrylic	Fluor modified polymer	Active (%)	Main solvent	Surface tension reduction	Water base	Solvent - free based	Addition amount (%)	Characteristic	Wettability	anti-crater	Benard cell	Improve leveling	Improve slip	Scratch prevention	Defoaming properties
UNIQ®FLOW 350 W			•	100	—	•••	•	•	0.1-0.5	Excellent wetting, defoaming, anti-crater and leveling performances	••	••		•••			••
UNIQ®FLOW 361 S			•	100	—	•••		•	0.01-0.5	Very good wetting, vertical leveling and anti-crater performances	•••	•••		•••			•
UNIQ®FLOW 372 S			•	70	s-Butanol	•	•	•	0.1-1.0	Standard leveling agent with in water based system good defoaming properties	••			••			•
UNIQ®FLOW 375 S			•	70	Xylene	•		•	0.5-1.0	Standard leveling agent, good wetting	•			••			•
UNIQ®FLOW 376 S			•	70	PMA	•		•	0.5-1.0	Improved version of 375S, faster leveling and excellent compatibility	••	•		••			•
UNIQ®FLOW 380 S		•		100	—	0		•	0.5-1.5	Cost effective standard leveling agent with good defoaming properties				••			••
UNIQ®FLOW 384 S		•		100	—	0		•	0.5-1.5	Leveling agent with strong micro defoaming properties				•			•••
UNIQ®FLOW 386 S		•		52	PMA	0		•	0.5-1.5	All-round fast leveling agent				•••			
UNIQ®FLOW 392 S		•		52	PMA	0		•	0.2-1.0	Anti-popping and anti-pinholing agent especially for PU systems				•			••
UNIQ®FLOW 415 S	•			15	Butyl acetate	•••		•	0.5-1.0	Silicone leveling agent with slip properties	••	•	•••	•••	•••	••	
UNIQ®FLOW 488 U	•			100	—	•••	•		0.1-1.0	Excelent wetting agent with very low foam stabilization	•••	•••		••			
UNIQ®FLOW 493 U	•			100	—	•••	•	•	0.05-0.3	Silicone leveling agent with very good slip	••	••	•••	•••	•••	•••	
UNIQ®FLOW 495 U	•			100	—	•••	•	•	0.05-0.3	Silicone leveling agent with excellent handfeeling, low foam	••	••	•••	•••	•••	•••	•

## UNIQ® VIS Rheology Control Agents And Conductivity Agents

Product	Principal Component	Solid (%)	Main solvent	Water based	Solvent based	Characteristic	Addition amount (%)	Emulsion alkyd	Water reducible systems	Hybrid	Thermo plastic acrylic	Emulsion	NC/Chlorinated rubber	2-pack polyurethane	2-pack Epoxy	Baking systems	Air drying alkyds	UV
UNIQ®VIS 810 S	Urea thickener	50	NMP		•	Urea thickener for low polar to medium polar area	0.1 - 3.0				•		••	••	••	••	•	••
UNIQ®VIS 820 W	Urea thickener	50	NMP	•		Urea thickener for medium polar to high polar area	1.0-3.0	•	◦	•	•			•	•			
UNIQ®VIS LP8048	Urea thickener	50	NBP	•		NMP free version of 820W	0.1 - 3.0	•	◦	•	•			•	•			
UNIQ®VIS LP8050	Urea thickener	50	NBP		•	NMP free version of 810S	0.1 - 3.0				•		••	••	••	••	•	••
UNIQ®VIS 886 S	Quartinary ammonium compound	60	iso-butanol		•	Conductivity agent	0.1-2.0					◦	◦	•	◦	•	◦	•

## UNIQ® LIGHT Light Stabilizers

Product	Principal Component	Active (%)	Water based	Solvent based	Characteristic	Addition amount (%)	Emulsion alkyd	Water reducible systems	Hybrid	Emulsion	Thermo plastic acrylic	NC/Chlorinated rubber	2-pack polyurethane	2-pack Epoxy	Polyester/alkyd/acrylate	Air drying alkyds
UNIQ®LIGHT 923	HALS	100		•	Acid system HALS	0.5-2.0					•	◦	•	◦	•	◦
UNIQ®LIGHT 992	HALS	100	◦	•	Cost effective HALS	0.5-2.0	•	•	•	•	•	◦	•	◦	•	◦
UNIQ®LIGHT 930	Benzotriazole	100	◦	•	General purpose use Light Stabilizer	1.0-3.0	•	•	•	•	•	◦	•	◦	•	◦