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Additives for General Industrial Coatings

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	0.1-0.7					••	••	••	•	••	••	•
UNIQ®FOAM 131 S		•					Defoamer for pigmented coatings and especially against microfoam and popping. Has leveling properties.						••	•	•••		•••		•
UNIQ®FOAM 132 S		•	PMA		•		Defoamer for clear coatings and pigmented systems, especially against microfoam and popping in 2K PU systems. High clarity.	0.1-1.0					•••	••	•••		•	•	
UNIQ®FOAM 150 S		•				•	Solvent free version of 132S.								••	•	••		••
UNIQ®FOAM 152 S		•				•	Solvent free epoxy flooring, 2C PU systems and HS systems, good working against micro-foam								••	•••	••		•••
UNIQ®FOAM 170 S		•	Alkylbenzene SPB 140-165		•		Defoamer for high solid paint systems, good defoaming	0.1-1.0							•	••	•	•	••
UNIQ®FOAM 180 W		•	Butyl glycol	•			Especially for OEM/refinish basecoats to improve less sensitivity for the film thickness	0.3-3.0	•	•••	••	•••			••	••			
UNIQ®FOAM 245 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 265 W	•		Water	•			Strong defoamer for grinding conditions and high airless conditions	0.1 ~ 0.3	••			•••			•	•			
UNIQ®FOAM 272 S	•		PMA Alkylbenzene		•	•	Solvent free epoxy flooring, 2C PU systems and HS systems	0.1-1.0					•	•	••	•••	••		••
UNIQ®FOAM 280 W	•		—	•			All-round WB defoamer	0.2-1.0	••	•••	••	••			••	•			
UNIQ®FOAM 290 W	•		—	•	•	•	Very high compatibility and excellent defoaming performances	0.1-1.5	••	•••	••	••			••	••			
UNIQ®FOAM 295 W	•		—	•	•	•	Especially suited for primers and topcoats against micro-foam	0.1-1.0	•••	•••	•••	•••			••	••			

UNIQ® SPERSE Dispersing Agents

Product	Principal Component	Active (%)	Main solvent	Amine value mgKOH/g	Acid value mgKOH/g	Water based	Solvent based	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	Butyl Acetate PMA Alkyl Benzene	6	14		•	Specially suited for TiO2, matting agents, fillers for primers and topcoats. Avoid sedimentation					••	•••	••	••	••	••	
UNIQ®SPERSE 550 S	PU Dispersant	45	Butyle Acetate PMA	14	—		•	All-round dispersant agent for general purpose					•	••	•••	••	••	••	
UNIQ®SPERSE 560 S	PU Dispersant	30	Butyl Acetate PMA / xylene	8	—		•	High performance dispersing agent for refinish/automotive. High transparency.					••	••	•••	••	•••	••	•
UNIQ®SPERSE 605 S	Polyester dispersant	40	Butyl Acetate	19	8		•	Excellent dispersing agent for high jetness, high transparent pigment, automotive/refinish and coil					•••	•••	•••	•••	•••	•	•
UNIQ®SPERSE 650 U	Acrylic-polyester dispersant	100	—	2	16	•	•	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		•	•	Dispersing agent for Carbon black and some red pigments. Can be post added to protect floating in system	••	•••	•••	•••	•••	•••	•••	••	•••	•	•••
UNIQ®SPERSE 690 W	Block dispersant	40	Water	15	15	•		All-round dispersant agent for general purpose for water based systems. High transparency and performances	•••	•••	•••	•••			•••	•••			•••
UNIQ®SPERSE 710 S	Phosphoric dispersant	52	MPA Alkyl Benzene	—	70		•	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	Alkyl benzene DIBK	—	120		•	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	Alkyl Benzene	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 840 W		90	water	•		Humectant, protecting for drying out pigment pastes	3.0-10.0	•	◦	•	•			•	•			
UNIQ®VIS 880 S	Quartainary ammonium compound	54	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	•	•	•	•	•	◦	•	◦	•	◦