



PRODUCT RANGE

**Coating Additives**



# Coating Additives

for quality optimisation of paints, varnishes and coating systems.



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Our additives improve specific product properties such as gloss, levelling, wetting, surface conditions and storage stability. In order to ensure the high and consistent quality, our products are continuously checked and monitored in the production plants as well as in our laboratory. Apart from consequently quality controls, our chemists and technicians in the

laboratory perform important developmental work optimising our products and preparing them for future developments in the market.

In the field of coating additives we are a reliable partner for the paints and coatings industry for more than 60 years - all over the world.

Our quality management system is DIN EN ISO 9001:2015 certified.



## SCHWEGO® charts

Test cards are used for the visual or mechanical measurement of certain properties of paints, inks, printing inks, stains or emulsions.

For production and quality control purposes, properties such as hiding power, spreadability, yield, opacity and spattering can be easily checked.

Please contact us at: [info@pruefkarten.de](mailto:info@pruefkarten.de)



# Defoamers and deaerators

Product	Chemical base	Properties and characteristics	Dosage calculated on total system [%]	VOC content (EU) ° [%]	Solvent-based	Water-based	Solvent-free	Water-based systems													100% systems				Solvent-based systems														
								Emulsion paints / Facade paints	High gloss emulsion paints	Wood paints / Parquet floorings	Pigment pastes	Alkydemulsions	PUR - Dispersions	Styrene /Acrylate - Dispersions	Stoving coatings	2-pack PUR systems	2-pack epoxy coatings	Plaster	UPE - systems	UV - systems	2-pack PUR systems	2-pack epoxy coatings	Parquet flooring / Wood coatings	Can coatings	Stoving coatings	2-pack PUR systems	2-pack epoxy coatings	Alkyd paints	NC - paints	Acid curing paints	High - Solid - Paints	Coil coatings	Polyacrylate systems	Printing inks					
<b>BLISTER FREE 3</b>	Polymer, free of silicone oil	Defoamer, deaerator, improves the levelling, highly compatible	0.3 - 1.0	26.1	●	●	●			●		●	●		●		●		●		●		●		●		●		●		●		●		●		●		
<b>BLISTER FREE 45</b>	Mixture of polymers, free of silicone oil	Defoamer, highly compatible, especially for curtain coatings, prevent pinholes in water-based systems	0.1 - 1.0	67.6	●	●	●					●			●		●				●				●		●		●										
<b>BLISTER FREE 54</b>	Polymer, free of silicone oil	Defoamer, usable for high gloss systems, improves levelling	0.5 - 2.0	6	●												●		●		●		●		●		●		●		●		●		●		●		
<b>BLISTER FREE 55</b>	Polymer, free of silicone oil	Improve levelling, elimination of craters and pinholes	0.05 - 0.5	76		●						●			●																								
<b>BLISTER FREE 66</b>	Mixture of polymers	Defoamer, deaerator, promotes even floating of waxes, used in (U)PE- systems and 2 pack PUR systems	0.1 - 1.0	84.5	●		●										●		●		●		●						●		●								
<b>BLISTER FREE 75</b>	Polymer, free of silicone oil	Especially for NC-coatings and acid curing systems, improves levelling	0.05 - 0.5	76	●		●																																
<b>BLISTER FREE 77</b>	Polymer, free of silicone oil	Especially for wax-free and wax-containing PE-formulations, FDA-approved	0.1 - 0.5	90	●		●																																
<b>BLISTER FREE 88</b>	Polymer	Especially for PE-coatings, FDA-approved	0.1 - 0.5	95	●		●																																
<b>MITTEL S</b>	Polymer	Usable for can- and coil-coatings, printing inks, NC- and 2pack systems, deco-coatings and flooring based on 2pack epoxy systems, anti-popping agent, FDA - approved, biodegradable	0.1 - 0.5	98	●		●																																
<b>SCHWEGO® foam 6305</b>	Water-based emulsion, mixture of polymers, free of mineral oil	Very good efficiency against pinholes and macro foam, universal, no influence on the gloss	0.05 - 1.0	< 0.1		●			●	●	●	●	●	●	●	●																							
<b>SCHWEGO® foam 6325</b>	Native oil, free of silicone oil and mineral oil	Easy incorporation, for formulations with medium to high PVC	0.2 - 0.7	< 0.1		●				●	●	●	●	●	●	●																							
<b>SCHWEGO® foam 6326</b>	Emulsion of oils and hydrophob components	Good efficiency against macro foam, easy incorporation, for formulations with medium and high PVC	0.2 - 0.7	< 0.1		●				●	●	●	●	●	●	●																							
<b>SCHWEGO® foam 6331</b>	Polymer, free of silicone oil	Especially for printing inks	0.2 - 1.0	90	●																																		
<b>SCHWEGO® foam 6345</b>	Mixture of polymers, free of silicone oil	Defoamer, improves levelling, especially for industrial coatings	0.3 - 1.5	50.5	●	●						●			●								●	●		●	●	●	●	●	●								
<b>SCHWEGO® foam 6351</b>	Polymer, free of silicone oil	Especially for pinholes, easy incorporation	0.5 - 2.0	90	●	●	●					●			●								●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>SCHWEGO® foam 6354</b>	Polymer, free of silicone oil	Defoamer, highly compatible, especially for 2 pack PUR systems	0.5 - 2.0	0	●	●	●			●			●		●								●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>SCHWEGO® foam 6360</b>	Polymer, free of silicone oil	Especially for UV coatings, provides haze free film	0.1 - 1.0	0			●																●																
<b>SCHWEGO® foam 6375</b>	Polymer, free of silicone oil	Especially for High-Solid systems based on alkyd paints, improves the levelling	0.1 - 1.0	6	●	●	●								●								●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>SCHWEGO® foam 6377</b>	Polymer, free of silicone oil	Especially for UPE-systems, highly compatible	0.1 - 0.5	0	●	●	●																●	●						●	●								
<b>SCHWEGO® foam 6388</b>	Polymer	Especially for UPE-systems, highly compatible	0.1 - 0.5	1.6	●	●	●																●	●						●	●								

° calculated on DIN ISO 11890-1

Biobased products on ASTM D 6866

## Defoamers and deaerators

Product	Chemical base	Properties and characteristics	Dosage calculated on total system [%]	VOC content (EU) ° [%]	Solvent-based	Water-based	Solvent-free	Water-based systems								100% systems				Solvent-based systems																		
								Emulsion paints / Facade paints	High gloss emulsion paints	Wood paints / Parquet floorings	Pigment pastes	Alkydemulsions	PUR - Dispersions	Styrene / Acrylate - Dispersions	Stoving coatings	2-pack PUR systems	2-pack epoxy coatings	Plaster	UPE - systems	UV - systems	2-pack PUR systems	2-pack epoxy coatings	Parquet flooring / Wood coatings	Can coatings	Stoving coatings	2-pack PUR systems	2-pack epoxy coatings	Alkyd paints	NC - paints	Acid curing paints	High - Solid - Paints	Coil coatings	Polyacrylate systems	Printing inks				
<b>SCHWEGO®</b> foam 8013	Combination of hydrocarbons and silicone oils	Especially for water-based formulations, emulsion paints and adhesives, good efficiency against pinholes	0.1 - 0.3	18.6		●		●	●	●	●	●	●	●	●																							
<b>SCHWEGO®</b> foam 8325	Combination of hydrocarbons, free of silicone oil	Especially for emulsion paints, plaster and silica paints.	0.1 - 0.5	< 0.1		●		●			●	●	●	●																								
<b>SCHWEGO®</b> foam 8333	Block copolymer	Especially for clear coats and high gloss emulsion paints, very good efficiency against pinholes, effective in PUR systems, no influence on the gloss	0.2 - 1.0	0.6		●	●	●	●	●	●	●	●	●	●		●																					
<b>SCHWEGO®</b> foam 8336	Modified silicone oil	Especially for high gloss paints, clear coatings, adhesives, UV-acrylates and printing inks, FDA-approved, biodegradable	0.1 - 0.7	0.5		●	●	●	●	●	●	●	●	●	●		●																				●	
<b>SCHWEGO®</b> foam 8339	Modified silicone oil	Especially for high gloss paints, clear coatings, UV-paints and printing inks	0.1 - 0.7	0		●	●	●	●	●	●	●	●	●	●		●																				●	

° calculated on DIN ISO 11890-1

Biobased products on ASTM D 6866

## Corrosion protection additives

Product	Chemical base	Properties and characteristics	Dosage calculated on total system [%]	VOC - content (EU) ° [%]	Solvent-based	Water-based	Solvent-free	Water-based systems								100% systems		Solvent-based systems																						
								Pure Acrylate dispersions	Styrene / Acrylate dispersions	PUR - dispersions	PVDC - dispersions	Alkyd emulsions	2-pack epoxy coatings	Vinyl / Acrylate dispersions	2-pack PUR systems	2-pack epoxy paint	Alkyd paint, short oil	Alkyd paint, medium oil	Alkyd paint, long oil	2-pack epoxy paint	Polyacrylate systems	PVC systems	Epoxy ester	Styrene / Acrylate Copolymer	Chlorinated rubber systems	High - Solid systems														
<b>KORRODUR</b>	Organic / anorganic modified tannin derivatives	For solvent-based systems, conversion of residual rust in a stable Fe <sup>2+</sup> - compound, very good substrate wetting, improves the adhesion between paint and substrate, migration of residual moisture to the surface, universal for all kind of of corrosion - protection systems	2.0 - 5.0	67.2	●		●										●																							
<b>KORRODUR AL 2</b>	Organic / anorganic modified tannin derivatives	Especially for systems containing aluminium pigments, conversion of residual rust, very good substrate wetting, improved intercoat adhesion between substrate and the coating, migration of residual moisture to the surface	2.0 - 5.0	73.8	●		●											●																						
<b>SCHWEGO®</b> corrit 6831	Glycolic solution of salts	For water-based systems, direct to metall - systems, conversion of residual rust in a stable metal complex, improve the intercoat adhesion between substrate and coating, inhibition of flash rust	1.0 - 5.0	53.6		●	●																																	
<b>SCHWEGO®</b> everlast	Modified polyacrylate with anticorrosion additive	Conversion of residual rust on metal - organic iron surfaces, long lasting corrosion protection and perfect primer, can be overcoated with all commercial coatings, free of heavy metals and mineral acids	not applicable	< 12 % guide line 2010/75/EU		●																																		
<b>SCHWEGO®</b> inhibitor 6817	Mixture of organic substances	For water-based systems, conversion of residual rust to a stable metal complex, short term corrosion protection (approx. 2 days), can be used in primer formulation	1.0 - 3.0 (as primer undiluted)	62.4		●																																		
<b>SCHWEGO®</b> inhibitor 6818	Mixture of organic substances	For water-based systems, conversion of residual rust to a stable metal complex, short term corrosion protection (approx. 2 weeks), can be used in primer formulation	1.0 -3.0 (as primer undiluted)	6.6		●																																		

° calculated on DIN ISO 11890-1

# Multifunctional and antiskinning additives



Product	Chemical base	Properties and characteristics	Dosage as antiskinning agent calculated on total system [%]	Dosage to rework thickened batches [%]	Dosage as dispersing agent calculated on total system [%]	VOC - content (EU) ° [%]	Solvent-based	Water-based	Water-based			Solvent-based										
									Dispersions	Alkyd emulsions	Alkyd resins, amine-neutralized	Stoving coatings	Epoxy ester	Alkyd paints	NC - paints	Acid curing paints	High solid paints	Polyacrylates	Pigment pastes	Printing inks		
<b>ANTIGEL</b>	Mixture of surface-active substances with butanone oxime and modified phenol derivatives	Multifunctional additive which combines a variety of characteristics as: antiskinning, wetting and dispersing properties, anti-settling, viscosity stabilisation, improvement of gloss, levelling, floating and flooding, biodegradable	0.5 - 1.5	4.0 - 6.0	1.0 - 18.0	77.7	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>ANTIGEL KF</b>	Mixture of surface-active substances with antioxidants, free of ketoxime	Multifunctional additive which combines a variety of characteristics as: antiskinning, anti-settling, viscosity stabilisation, improvement of gloss, levelling, floating and flooding, biodegradable	0.1 - 0.5			15.6	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>ANTIGEL KF-D</b>	Mixture of surface-active substances with antioxidants, free of ketoxime	Multifunctional additive which combines a variety of characteristics as: antiskinning, wetting and dispersing properties, anti-settling, viscosity stabilisation, improvement of gloss, levelling, floating and flooding, biodegradable	0.5 - 1.5	1.0 - 5.0	1.0 - 15.0	22.5	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>ANTIGEL 6217</b>	Mixture surface-active substances with antioxidants, free of ketoxime	Multifunctional additive which combines a variety of characteristics as: antiskinning, wetting and dispersing properties, anti-settling, viscosity stabilisation, improvement of gloss, levelling, floating and flooding, biodegradable	0.5 - 1.5	4.0 - 6.0	1.0 - 15.0	84.1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>SCHWEGO® antimec</b>	Mixture of antioxidants, free of ketoxime	Prevent skinning, supports viscosity stabilisation	0.1 - 1.0			15.6	●	●	●		●		●	●	●	●		●	●	●	●	●
<b>SCHWEGO® antimec 8010</b>	Mixture of antioxidants, free of ketoxime and aromates	Prevent skinning, supports viscosity stabilisation	0.3 - 1.0			89.7	●	●	●		●		●	●	●	●		●	●	●	●	●
<b>SCHWEGO® antimec 8019</b>	Mixture of antioxidants, free of butanone oxime and aromates	Prevent skinning, supports viscosity stabilisation	0.1 - 1.0			99	●	●	●		●		●	●	●	●		●	●	●	●	●
<b>SCHWEGO® antimec 8021</b>	Mixture of antioxidants, free of butanone oxime and aromates	Prevent skinning, supports viscosity stabilisation	0.1 - 1.0			99.5	●	●	●		●		●	●	●	●		●	●	●	●	●

° calculated on DIN ISO 11890-1



# Slip-, levelling- and substrate wetting additives

Product	Chemical base	Properties and characteristics	Dosage calculated on total system [%]	VOC - content (EU) ° [%]	Solvent-based	Water-based	Solvent-free	Water-based systems								100% systems				Solvent-based systems											
								High gloss emulsion paints	Wood coatings / Parquet flooring	Alkyd emulsions	PUR disersions	Styrene / Acrylate dispersions	Stoving coatings	2-pack PUR coatings	2-pack epoxy coatings	UPE - systems	UV - systems	2-pack PUR systems	2-pack epoxy coatings	Parquet floorings / wood paints	Stoving coatings	2-pack PUR systems	2-pack epoxy coatings	Alkyd paints	NC - paints	Acid curing paints	High - Solid - Paints	Coil coatings	Polyacrylate systems	Printing inks	
<b>SCHWEGO®</b> flow 6527	Polyether modified polysiloxane	Improves flow and substrate wetting, increase gloss, also for water-based plastic coatings, recoatability	0.1 - 1.0	0	●	●		●	●	●	●	●	●					●	●	●	●	●									
<b>SCHWEGO®</b> flow 6533	Polyether modified polysiloxane	Improves flow and substrate wetting, increase gloss, also for water-based plastic coatings, recoatability	0.1 - 1.0	0.5	●	●		●	●	●	●	●	●					●	●	●	●	●									
<b>SCHWEGO®</b> flow 8058	Aqueous solution of silicone polymers	Improves flow and substrate wetting, increase gloss, prevents orange peel, good recoatability, FDA-approved	0.1 - 0.5	0.7		●		●	●	●	●	●	●																		
<b>SCHWEGO®</b> flow 8060	Etherfied melamine-formaldehyde resin, free of silicone oil	Free of silicone oil, improves flow in solvent-based and solvent-free systems, prevents surface and levelling failures as craters, bad edge covering and orange peel	0.1 - 0.5	74.7	●		●							●		●	●	●	●	●						●	●	●			
<b>SCHWEGO®</b> mar 6506	Silicone polymer	Increases scratch-, mar- and block resistance, improves flow and substrate wetting	0.1 - 0.6	88.3	●													●	●	●	●	●				●	●	●			
<b>SCHWEGO®</b> mar 6542	Fluoro modified silicone polymer	Increases scratch-, mar-, and block resistance, improves flow and substrate wetting, no haze in UV-coatings, highly compatible	0.05 - 0.3	29.7			●	●			●	●			●																
<b>SCHWEGO®</b> mar 6562	Modified silicone polymer	Increases scratch-, mar-, and block resistance, improves flow and substrate wetting, no haze in UV-coatings, highly compatible	0.05 - 0.3	0.8			●	●			●	●			●																
<b>SCHWEGO®</b> mar 8300	Silicone polymer	Increases scratch-, mar- and block resistance, improves flow and substrate wetting, FDA-approved	0.02 - 0.3	50.5	●		●									●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
<b>SCHWEGO®</b> mar 8304	Silicone polymer	Increases scratch-, mar- and block resistance, improves flow and substrate wetting, FDA-approved	0.02 - 0.3	51.3	●		●									●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
<b>SCHWEGO®</b> mar 8305	Silicone polymer	Increases scratch-, mar- and block resistance, improves flow and substrate wetting, FDA-approved	0.02 - 0.3	31.3				●	●	●	●	●	●	●	●	●	●														
<b>SCHWEGO®</b> mar 8306	Modified silicone polymer	Increases scratch-, mar- and block resistance, improves flow and substrate wetting	0.1 - 0.3	48	●													●	●	●		●									
<b>SCHWEGO®</b> mar 8311	Silicone polymer	Universal, increases scratch-, mar- and block resistance, improves flow and substrate wetting, FDA-approved	0.02 - 0.3	0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>SCHWEGO®</b> fluor 6523	Polymer	Improves substrate wetting, flow and edge covering, very strong reduction of the surface tension, support of the grinding step, also for printing inks, free of PFOS & PFOA	0.01 - 0.2	75.3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>SCHWEGO®</b> fluor 6536	Fluorotenside	Improves substrate wetting, flow and edge covering, very strong reduction of the surface tension, support of the grinding step, anti-cratering agent, anti-cissing effect, also for printing inks, free of PFOS & PFOA	0.01 - 0.2	95	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>SCHWEGO®</b> fluor 6543	Fluorotenside	Improves substrate wetting, flow and edge covering, very strong reduction of the surface tension, support of the grinding step, also for printing inks, free of PFOS & PFOA	0.01 - 0.2	95.2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

° calculated on DIN ISO 11890-1

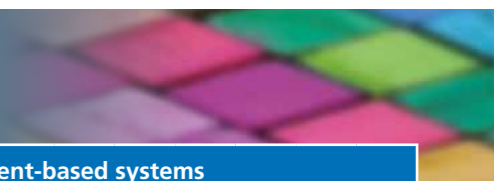
# Rheological additives



Product	Chemical base	Properties and characteristics	Dosage calculated on total system [%]	VOC-content (EU)° [%]	Solvent-based	Water-based	Solvent-free	Water-based systems									100% systems				Solvent-based systems															
								Emulsion paints / Facade paints	High gloss emulsion paints	Wood paints / Parquet floorings	Alkyd emulsions	PUR - dispersions	Styrene / Acrylate dispersions	Stoving coatings	2-pack PUR systems	2-pack epoxy coatings	Plaster	UPE - systems	UV - systems	2-pack PUR systems	2-pack epoxy coatings	Wood paints / Parquet floorings	Stoving coatings	2-pack PUR systems	2-pack epoxy coatings	Alkyd paints	NC - paints	Acid curing paints	High - Solid - Paints	Coil coatings	Polyacrylate systems	Printing inks				
<b>SCHWEGO</b> <sup>®</sup> thix 8315	Organically modified aluminium derivate	Pseudoplasticity, due to functional binder-goups forming hydrogen bridge bonds, temperature stability	0.2 - 2.0	50	●		●										●	●	●	●	●	●					●	●	●	●	●				●	
<b>SCHWEGO</b> <sup>®</sup> pur 8025	Associative PUR - thickener	Structural viscosity, independant of pH-value, excellent processability, FDA-approved, free of APEO and organotin	0.3 - 2.0	0					●	●	●	●	●	●	●	●																				
<b>SCHWEGO</b> <sup>®</sup> pur 8350	Associative PUR - thickener	Structural viscosity, builds a stronger pseudoplasticity in comparison with <b>SCHWEGO</b> <sup>®</sup> <b>pur 8025</b> , independent of pH-value, excellent processability, free of APEO and organotin	0.3 - 1.0	0					●	●	●	●	●	●	●	●																				
<b>SCHWEGO</b> <sup>®</sup> pur 8051	Associative PUR - thickener	Structural viscosity, free of APEO and organotin, independent of pH-value, excellent processability	0.3 - 1.0	0					●	●	●	●	●	●	●	●																				
<b>NO SED</b>	Organically modified bentonite with additives in solvent mixture	Antisettling additive, prevents sagging, usable in automotive-, industrial- and chlorinated rubber coatings, road marking and zinc dust paints, also suitable for printing inks, biodegradable	0.5 - 3.0	87.8	●														●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

° calculated on DIN ISO 11890-1

# Matting additives



Product	Chemical base	Properties and characteristics	Dosage calculated on total system [%]	VOC-content (EU)° [%]	Solvent-based	Water-based	Solvent-free	Water-based systems							100% systems			Solvent-based systems																		
								Dispersions	Wood coatings / Parquet floorings	Alkyd emulsions	PUR - Dispersionen	Styrol / Acrylat dispersions	Stoving coatings	2-pack PUR coating	2-pack epoxy coatings	UV - systems	2-pack PUR systems	2-pack epoxy coatings	Wood coatings/ Parquet floorings	Stoving coatings	2-pack PUR systems	2-pack epoxy coatings	Alkyd paints	NC - paints	Acid curing paints	High - Solid - Paints	Coil coatings	Polyacrylate systems	Printing inks							
<b>SCHWEGO</b> <sup>®</sup> matt 100	Fumed silica	Highest transparency, very good resistance against household chemicals, good incorporation, particle size d50 8.3 - 9.8 µm	as required	Powder	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
<b>SCHWEGO</b> <sup>®</sup> matt 412	Silica, after-treated with wax	Universal, high surface smoothness, clear coats, particle size d50 5.0 - 6.7 µm	as required	Powder	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

° calculated on DIN ISO 11890-1





Schwegmann Filtrations-Technik GmbH offers various solutions for the solid / liquid separation and the air filtration. The Filter bags are used for filtering liquids, for example in the paint- and coatings industry. Filter housings, filter cartridges, filter cloth, pocket filters and compact filters complete the product range.

Schwegmann  
Filtrations-Technik



[www.filtrations-technik.de](http://www.filtrations-technik.de)

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