



至臻之智 共赢未来  
TOP SOLUTION WIN TOGETHER



# Additives for Coatings and Inks

## Professional Silicone Additives Supplier

a member of **Wynca** 新安

# About us

Top Win is specialized in manufacturing silicone-based functional products and a professional technical service provider, which is established by Wynca Group together with several specialty silicone companies. The company gains competitive advantages from its founders who are sophisticated industrial players in both upstream and downstream supply chain.

Top Win mainly focuses on polyurethane foam, textile and leather, coating and ink, paper release coatings, personal care and agriculture to provide customers with specialty silicones and comprehensive solutions.

Top Win has a series of silicone products including flow and leveling agents, substrate wetting agents, radiation-curing additives, slip and scratch resistance additives, polyurethane resin modifier, TPU additives and reactive silicone anti-graffiti additives to help you obtain unique properties and create the value for your applications.





# Leveling Agents

WynCoat® leveling agents can help improve flow and leveling, enhance surface smoothness and scratch resistance, prevent shrinkage and floating color blur.

Products	Aqueous	solvent	UV	Slip	Leveling	Recoatable	Release	Typical performances
SL-3190	●	●		●	●	●		General purpose leveling agent
SL-3331	●	●			●	●		General purpose leveling agent with good compatibility
SL-3357		●	●	●	●		●	Especially suitable for radiation curing systems with good substrate wetting
SL-3369	●	●	●	●	●	●		Good compatibility and surface slip
SL-3378		●	●	●	●	●		Good surface slip with low foam stability
SL-3410	●	●		●	●		●	Excellent slip, surface smoothness effect and anti crater
SL-3412	●	●	●	●	●	●	●	Excellent slip, surface smoothness effect, anti crater and recoatable
SL-3432		●	●	●	●	●	●	Especially suitable for radiation curing systems with good substrate wetting
SL-3450	●	●	●	●	●	●		General purpose leveling agent with good surface slip
SL-3452	●	●	●	●	●	●	●	General purpose leveling agent with excellent surface slip
SL-3510		●	●	●	●		●	Suitable for radiation curable coating systems with surface slip, excellent mar resistance and improve tape release
SL-3762		●	●	●	●		●	Especially suitable for radiation curing systems with fast leveling and substrate wetting
SL-3821	●	●		●	●		●	Excellent hand feeling in multiple coating formulations at low added levels
SL-3875		●		●	●			With deaeration, suitable for epoxy floor coatings
SL-573		●	●	●	●		●	Especially suitable for solvent borne and radiation curing systems with excellent abrasion and mar resistance

# Substrate Wetting and Anti-crater Additives

WynCoat® substrate wetting and anti-crater additives can help coating and ink wetting above the surface of various substrates, even on a low surface energy substrate to prevent shrinkage and uneven surface defects.

Products	Aqueous	solvent	UV	Anti crater	Low foam stability	Typical performances
SL-3245	●			●		Reduce surface tension, improve substrate wetting
SL-3246	●			●	●	Reduce surface tension, improve substrate wetting, low foaming and hydrolytically stable
SL-3248	●			●		Strong surface tension reduction and excellent substrate wetting
SL-3249	●			●		Hydrolytically stable, especially suitable in pH=4-10 with no assist solvent
*SL-3254	●			●		Strong surface tension reduction, improve wetting with hydrolytically stability
SL-3256	●			●	●	Strong surface tension reduction, excellent substrate wetting, low foaming stability
SL-3270	●	●	●	●	●	Excellent anti-crater and leveling, especially suitable in aqueous and radiation curing borne
*SL-3570	●			●	●	siloxane-based gemini surfactant Highly active, widely applicable substrate wetting additive which does not stabilize foam. Excellent anti-crater effect.

\*Novel product





## Anti Scratch and Smooth Agents

Topcoat often requires a certain scratch resistance and a certain sense of smoothness effect. Scratch-resisting additives can improve the physical properties.

Products	Performances	Application
SL-4186	Oil slip	Aqueous and solvent systems
SL-3002	Skin feeling	Aqueous systems
SL-3445	Wear resistant, scratch resistant and silky feel	Aqueous and polar solvent systems

## Radiation-curing Agents

UV curing additives can be cross-linked with UV monomers so it helps to improve the special properties of UV curing coatings such as wetting, slip, anti scratch and release. In addition, some agents also have the defoaming effect.

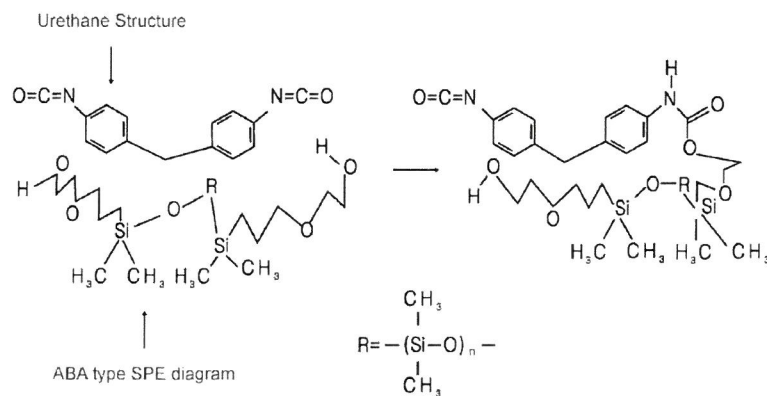
Products	System	Main performances
SL-3515	UV	Improves scratch resistance, defoaming and cross-linkable
SL-3540	UV	Improves scratch resistance, slip and defoaming, cross-linkable
SL-3502	UV	Utmost slip and release

# Polyurethane Resin Modifier and Anti-graffiti Additives

WynCoat® reactive silicone additives are organic modified polydimethyl-siloxane terminated with carbinol. In a variety of polyurethane systems, hydroxymethyl can be cross-linked with NCO, so that the introduction of silicone into resin system components for the polyurethane coating can provide anti-graffiti and easy cleaning properties. The products can be used for solvent-borne or aqueous coatings

Products	Functional Group	Performances
SL-4111	ABA reactive SPE with carbinol	Excellent compatibility with PU resin and improve leveling
SL-4160		Improve leveling and mar resistance of resinous coatings
SL-4162		Improve leveling and anti-sticking properties of resinous coatings to help peel
SL-4956		Good slip and compatibility with PU resin and stay release paper used repetitiously
SL-5019		Dry sliding feeling
SL-7130	Carbinol	Impart polyurethane coating with flexibility, lubrication and water repellency
SL-7520	End carbinol	Copolymerization with polyurethane resin can provide moisture permeability and hydrophobicity
SL-7530	End carbinol	Anti marker, anti-graffiti effect for the manufacture of solventborne coating with additional spin-off effect

# Thermoplastic Urethane Additives



Products	Functional Group	Performances
SL-7210	Reactive silicone	Improving the flexural flexibility and internal release of TPU resin at low temperature
SL-7212	Reactive silicone	Improving the flexural flexibility with better internal release of TPU resin at low temperature



# Foamex and Defoamers

WynCoat® Foamex and defoamers prevent foam formation during production and application of aqueous coatings and printing inks. Pre-existing foam is destroyed and air occlusions are prevented. WynCoat® Foamex and defoamers are mainly available as concentrates

Products	Active content (%)	Aqueous	Solvent	UV	Typical performances
SL-3019	50	●			Polyether-modified polysiloxane, can effectively control the bubble in aqueous coatings, not causing surface defects
SD-3020	100		●	●	Polysiloxane containing hydrophobic solids
SD-3150	25	●			Emulsion type, which can effectively control bubbles in aqueous coatings without surface defects
SD-3152	55	●			Emulsion type, which can effectively control bubbles in aqueous coatings without surface defects
SL-3901	100	●			Polyether-modified polysiloxane, can effectively control the bubble in aqueous coatings, not causing surface defects

