Product Guide

About Us

"VATIX" in the trademark VATIX is the acronym for "Value Added Technology and Innovation" which represents the core values of our products and services. X is the only alphabet in English which opens to all directions, which represents possibility, opportunities, cooperation, openness and the future.

VATIX additives provide professional and comprehensive solutions for the composite industry, such as defoamers, wetting and dispersing additives, leveling agents, and processing aids. With small amount additives, great improvement can be often achieved during the manufacturing process of composite.

Defoaming Additives

Product	Features
VATIX 1001	Standard silicone-based defoamer with good compatibility, prevent foams and accelerate release of air from systems.
VATIX 1006 VATIX 1007	Silicone-based defoamer with excellent defoaming property. Can be used in most systems and combined with other deaerators or defoamers. No negative influence on surface adhesion. Can be used in transparent systems due to good compatibility.
VATIX 1030	Mixture of modified siloxane and foam destroying polymer, Suitable for coating, sealants, adhesives and plastic systems. Particularly recommended for epoxy resin systems.
VATIX 1035	Universal and benchmark defoamer developed for composite industry. Suitable for most applications and process, excellent deaerating property, can be combined with VATIX 1058.
VATIX 1036	Acrylic-based defoamer with strong deaerating property. Prevent micro-foams retention meanwhile promote surface leveling.
VATIX 1050	Deaerator and defoamer for transparent coating and composite systems where silicone should be avoided.
VATIX 1051	Defoamer based on multiple functional polymers. Promote surface leveling without negative influence on surface adhesion. Can be used as VATIX 1035 alternative in odor-free systems.
VATIX 1058	Suitable for high viscosity and thixotropic systems. Excellent wetting property for glass fibers to promote mechanical property for finished products.
VATIX 1104	Solvent-free and silicone-free defoamer with strong air release property.
VATIX 5810 VATIX 5816	Deaerator and defoamer with hydrophobic fume silica for high viscosity systems.

Wetting and Dispersing Additives

A. For Fillers and Inorganic Pigments

Product	Features
VATIX 2012	Cost effective phosphate-based wetting and dispersing additive for fillers in composite systems, particular for phenolic systems due to high tolerance of water released.
VATIX 2013	Developed for hard sediment prevention / anti-caking in coating and composite systems for fillers and inorganic pigments. Particularly suitable for systems as ceramic and copper clad laminate where treatment process is essential.
VATIX 2015	Dramatically reduce system viscosity and improve flow property, excellent for highly filled systems. Aromatic solvent free.
VATIX 2016	Cost-saving version of VATIX 2015. Can be combined with VATIX 2015 and/or VATIX 2017.

VATIX 2017	Standard wetting and dispersing additive for filler and inorganic pigments. Dramatically reduce system viscosity and improve flow property for highly filled systems. VOC free. Can be used in solvent-free and odor-free systems.
VATIX 2018	Developed for colored systems containing pigment concentrates. Improve color strength and homogeneity. Prevent flooding and floating. Can be used as post added additive. Compatible with any VATIX 2010 series product.
VATIX 2020	Wetting and dispersing additive especially developed for ambient curing systems. Excellent anti-settling effect.
VATIX 2059S	Anti-flooding and floating additive for colored systems with silicone compound to promote leveling.

B. For Organic Pigments and Carbon Black

Product	Features
VATIX 2060 NC	Universal dispersing additive, effectively wetting and stabilize fillers, inorganic and organic pigments such as phthalocyanines, organic red as well as carbon black. Reduce system viscosity, improve color strength, surface gloss and color homogeneity.
VATIX 2080	Wetting and dispersing additive with excellent compatibility, excellent for acidic and neutral surface treated carbon blacks.
VATIX 2081	Modified version based on VATIX 2080 for improved stabilization for basic surface treated fillers and pigments.
VATIX 2085	High molecular weight non-ionic block polymer, very effective for acidic carbon blacks. Can be used for universal pigment concentrate preparation. Can be used in water-borne systems. Superior resin compatibility. VOC free.

C. For Organic Pigments and Prevent Phase Separation

Product	Features
VATIX 2072	High molecular weight block polymeric dispersing additive. Improve wetting for glass fibers. Can be used for pigments and low shrink agent as polystyrene, effectively prevent phase separation.
VATIX 2077	Containing reversed polar fragment than VATIX 2072. Wetting and stabilize low shrink agent, prevent phase separation, can be combined with VATIX 2072. Better system flow behavior and surface quality are often additional benefits.

Leveling Additives

Product	Features

VATIX 3006	Promote leveling and surface quality in UP, PU, Epoxy systems. Assist to release air bubble in many systems. No influence on coating adhesion.
VATIX 3007	Promote substrate wetting, reduce pinholes and cratering without negative influence on coating and internal adhesion.

Processing Additives

Product	Application	Solvent	Composition	Features
VATIX 7011	Mold Release	None	Mixture of surface active polymers and substances	Multifunctional processing additive which highlights mold release property. No immigration after processing to product surface. Improve color strength and homogeneity of product. Do not negatively influence interlayer adhesion.
VATIX 7018	Mold Release	None		
VATIX 7020	Flow Modifier	None		Promote system flow behavior, improve surface quality.
VATIX 7052	Rheology Additive	**2**-Methylpentane-**2**,**4**-diol	Solution of polymer with hydroxyl groups	Odor-free version of VATIX 7055
VATIX 7055	Rheology Additive	Solvent Naphtha / Isobutanol		Thixotropic enhancing additive in unsaturated polyester, epoxy, vinyl ester and polyols for hydrophilic fumed silica or organically modified clays. Prevent or reduce the sedimentation of fillers during storage by rheology effect.