

Innovative Chemical Technologies, Inc.

Paints & Coatings

Performance Enhancing Additives



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Paints & Coatings:

Performance enhancing additives

Additives for Aqueous Applications	Description	Benefits
Anti-block, Wetting, and Leveling (Fluorinated)		
Thetawet FS-8250	Anionic Very low foam 28% actives VOC-free	Fluorosurfactant which provides anti-blocking in paints, particularly elevated temperature block resistance. Excellent wetting and leveling benefits which can improve pigment wetting as well as wetting of hard to wet surfaces. Extends open time of typical latex paint formula up to 2X, hides brush marks.
Thetawet FS-8235	Anionic Low foam 34-36% solids	Fluorosurfactant which provides anti-blocking and release properties. Provides excellent wetting for difficult to wet surfaces. Improves soil resistance and weatherability. Use with DI or soft water. Extends the open time of a typical latex paint formula.
Anti-block, Wetting, and Leveling (Non-fluorinated)		
Flexiwet CZ-1000	Free acid Low foam 95-99% solids	Surfactant which provides anti-blocking for paints & coatings. Excellent wetting & leveling benefits for smoother, defect-free coatings. Extends open time. Self-dispersible in water with added IPA or glycol.
Flexiwet CZ-1040K	Slightly alkaline Low foam 40-45% solids	Surfactant mixture which provides anti-blocking for paints & coatings. Provides excellent wetting & leveling and smoother, defect-free surfaces. Extends open time. Neutralized version of Flexiwet CZ-1000 and water-soluble.
Flexiwet CZ-1200	Anionic 22-23% solids	Surfactant which provides anti-blocking for paints & coatings. Provides excellent wetting for smoother, defect-free coatings. Self-dispersible in water with added IPA or glycol.
Flexiwet CZ-1240K	Anionic 38-42% solids	Surfactant which provides anti-blocking for paints & coatings. Provides excellent wetting for smoother, defect-free coatings. Neutralized version of Flexiwet-CZ-1200 and water-soluble. Extends open time.
Wetting & Leveling (Fluorinated)		
Thetawet FS-8150	Nonionic Low foam 25% actives Low VOC	Low-foaming, nonionic fluorosurfactant which provides excellent surface tension reduction at low levels of addition. This product performs well in severe chemical and thermal environments. Used in industrial coatings.
Thetawet FS-8020DB	Anionic Moderate foam 30% actives	Excellent choice for reduction of surface defects in industrial coatings. Anionic fluorosurfactant which contains a low vapor pressure solvent which does not contribute VOC content. Stable in hard water and in harsh chemical environments.
Thetawet FS-8020EB	Anionic Low foam 30% actives	Popular choice as a coatings additive due to low foam profile and tolerance to mineral-based fillers such as CaCO ₃ . Stable in hard water. This product performs well in severe chemical and thermal environments.
Wetting & Leveling (Non-fluorinated)		
Flexiwet CZ-1100	Free acid Low foam 95-98% solids	Surfactant mixture for use in coatings, including floor care applications. Excellent wetting & leveling properties for defect-free coatings. Self-dispersible in water. Also soluble in IPA and ethanol.



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Additives for Aqueous Applications	Description	Benefits
Improved Repellency, DPR, and Cleanability		
Thetaguard FA-1000	32-34% solids	Water-based additive for coatings which delivers oil repellency, improved dirt pick-up resistance (DPR), and improved cleanability in latex paints such as flats and eggshells. Also functions as a wetting agent for other coatings.
Dispersion Optimization		
Flexisperse 133N	Anionic 25% solids	Sodium-neutralized, hydrophobically-modified, water-soluble acrylic acid polymer which provides outstanding dispersion stability for pigment-containing coatings such as latex paints. Composition and molecular weight have been tailored to provide optimum dispersing efficiency in paint formulations, including high solids compositions. Refer to the Flexisperse 133N Information Sheet for additional data.
Flexisperse 134NH	Anionic 25% solids	Ammonium-neutralized, hydrophobically-modified, water-soluble polymer which provides dispersion stability for pigment-containing coatings such as latex paints. Compatible with HEUR thickeners.
Flexisperse 225	Anionic 25% solids	Methacrylic acid polymer which is a highly effective dispersant and rheology modifier. Produces stable dispersions and suspensions at high concentrations with lower viscosities (including pigment-containing dispersions).
Cross-linking Agent		
Flexipol DMP-20	Nonionic 20% solids	Cross-linkable dispersion for improved durability of coatings & adhesives. Adhesion promoter and formaldehyde-free.
Additives for Non-Aqueous Applications		
Wetting & Leveling		
Thetawet FS-8100 (Fluorinated)	Nonionic Low foam 100% solids	Nonionic product which is ideal for use in water-sensitive systems or high solids applications such as industrial coatings. Low foaming. Provides outstanding wetting of challenging surfaces.
Thetawet FS-8200 (Fluorinated)	Anionic 100% solids	Solvent-free, anionic fluorosurfactant (un-neutralized, free acid form) for use in non-aqueous (polar organic) solvent or solvent-free (solid) compositions. Low-melting waxy solid (100% active) which can reduce foaming tendency in industrial and high solids coatings while providing excellent wetting & leveling.
Flexiwet CZ-1100 (Non-fluorinated)	Free acid Low foam 95-98% solids	Surfactant mixture for use in coatings, including floor care applications. Excellent wetting & leveling properties for defect-free coatings. Soluble in IPA and ethanol.
Temporary Surface Protection Coating		
Flexisperse CW-40	Anionic 22% solids	Removable, temporary protective surface coating which withstands weathering effects as well as protecting against abrasive impacts from particulate matter. Surfaces can include bare metal surfaces (brass, steel, aluminum, copper). Painted surfaces can include automotive & metals in transit or work-in-progress.
Flexiclean CWR	Alkaline (pH 9.5)	Cleaning product which removes Flexisperse CW-40 coatings.





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