

# Innovative Chemical Technologies, Inc.

## Paints & Coatings

### Performance Enhancing Additives



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# Paints & Coatings: Performance enhancing additives

Additives for Aqueous Applications	Description	Benefits
<b>Anti-block, Wetting, and Leveling</b>		
<b>Thetawet FS-8250</b>	Anionic Very low foam 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 the open time of a typical latex paint formula up to 2X and helps with hiding of brush marks.
<b>Thetawet FS-8235</b>	Anionic Low foam	Fluorosurfactant which provides anti-blocking and release properties. Provides excellent wetting for difficult to wet surfaces. Improves soil resistance and weatherability. Extends the open time of a typical latex paint formula. Use with deionized or soft water.
<b>Improved Repellency, DPR, and Cleanability</b>		
<b>Thetaguard FA-1000</b>	Anionic	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.
<b>Wetting &amp; Leveling</b>		
<b>Thetawet FS-8150</b>	Nonionic Low foam VOC-free	Low-foaming, nonionic fluorosurfactant which provides excellent surface tension reduction at low levels of addition. VOC-free. This product performs well in severe chemical and thermal environments. Used in industrial coatings.
<b>Thetawet FS-8020DB</b>	Anionic Moderate foam	Excellent choice for reduction of surface defects in 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. Used in industrial coatings.
<b>Thetawet FS-8020EB</b>	Anionic Low foam	Popular choice as a coatings additive due to low foam profile and tolerance to mineral-based fillers such as CaCO <sub>3</sub> . This product performs well in severe chemical and thermal environments. Stable in hard water. Used in industrial coatings.



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Additives for Aqueous Applications	Description	Benefits
<b>Dispersion Optimization</b>		
<b>Flexisperse 133N</b>	Anionic	Sodium-neutralized, hydrophobically-modified, water-soluble 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.  Compatible with HEUR thickeners.  For additional data & information, refer to the Flexisperse 133N Information Sheet.
<b>Flexisperse 134NH</b>	Anionic	Ammonium-neutralized, hydrophobically-modified, water-soluble polymer which provides outstanding dispersion stability for pigment-containing coatings such as latex paints. Compatible with HEUR thickeners.
<b>Additives for Non-Aqueous Applications</b>		
<b>Wetting &amp; Leveling</b>		
<b>Thetawet FS-8100</b>	Nonionic Low foam	Nonionic product which is ideal for use in water-sensitive systems or high solids applications. Low foaming.  Provides outstanding wetting of challenging surfaces.  Uses include industrial coatings.
<b>Thetawet FS-8200</b>	Anionic	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 & high solids coatings while providing excellent wetting and leveling.
<b>Temporary Surface Protection Coating</b>		
<b>Flexisperse CW-40</b>	Anionic	Removable, temporary protective surface coating which withstands weathering effects as well as protecting against abrasive impacts from particulate matter.  Protected surfaces can include bare metal surfaces (brass, steel, aluminum, copper), painted surfaces including automotive, and metals in transit or work-in-progress.
<b>Flexiclean CWR</b>	Alkaline (pH 9.5)	Cleaning product which safely removes Flexisperse CW-40 coatings.





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