



FLUROSURFACTANTS ADDITIVES



HEXAFOR®

HIGH PERFORMANCE WETTING & LEVELLING AGENTS



FLUORO SURFACTANTS ADDITIVES



PRODUCT OVERVIEW:

HEXAFOR® surfactants are highly efficient surface-active agents based on short perfluorinated chains. They are especially designed to provide rapid spreading, wetting and levelling properties to a wide range of water and solvent borne systems, such as detergents, paints, varnishes, inks, waxes, floor polishes, adhesives, batteries.

HEXAFOR®	IONIC NATURE	CHEMICAL DESCRIPTION	SOLVENT	ACTIVE	RECOMENDED FOR
601	Anionic	Phosphate esters	Water	15%	Water borne
631	Non-ionic	Polymeric ethoxylate	Water	25%	Water borne
632	Non-ionic	Polymeric ethoxylate	-	100%	Water borne; Solvent borne
633	Non-ionic	Polymeric ethoxylate	-	100%	Water borne; Solvent borne
635	Non-ionic	Polymeric ethoxylate	Water	25%	Water borne
636	-	Polymeric acrylic	-	100%	Solvent borne
641	Anionic	Sulfonic acid/Lithium salt	IPA / Water	25%	Water borne
642	Non-ionic	Modified Polyether	-	100%	Water borne; Solvent borne
644-D	Non-ionic	Polymeric acrylic	DPM	25%	Water borne; Solvent borne
672	Non-ionic	Polymeric ethoxylate	DPM	10%	Water borne
675	Non-ionic	Polymeric ethoxylate	Water / Ethylene Glycol	50%	Water borne
676	Non-ionic	Polymeric ethoxylate	Water	65%	Water borne
678	Non-ionic	Polymeric ethoxylate	-	100%	Water borne; Solvent borne
678-W	Non-ionic	Polymeric ethoxylate	Water	25%	Water borne
685	-	Polymeric acrylic	Distillate (petroleum)	25%	Solvent borne
692	-	Polymeric acrylic	Butyl acetate	25%	Solvent borne
695	Cationic	Modified polyurethane	Water/DMM	30%	Water borne

PROPERTIES:

- SURFACE TENSION REDUCTION
- AVOID THE FORMATION OF SURFACE DEFECTS
- WETTING
- DIRT PICK-UP RESISTANCE
- EMULSIFYING
- OPEN TIME IMPROVEMENT
- SPREADING
- ANTI-BLOCKING
- FOAMING CONTROL
- LOW FOAM FORMATION
- LEVELLING
- ANTIFOGGING
- ANTICORROSION



SURFACE TENSION 0,1% [DYNES/CM]	APPLICATIONS	BENEFITS
16,9	Architectural coatings, Floor finishes, Waxes, Polishes	Anti-blocking agent, oil repellence properties, dirty pick-up resistance, wetting and levelling agent.
17,9	Inks, Paints, Adhesives, Polish	Reduces surface energy of water-based floor finishes, waxes and polishes. Low foam formation.
17,9	Paints, Adhesives, Anti-fog, Cleaners	Reduces surface tension at very low concentration, stable in acidic and alkaline medium. Used in anti-fogging formulations
24,8	Polish, Paint, Wood coating	Flow and levelling agent in paints, adhesives, caulks, architectural coatings, inks.
17,9	Inks, Paints, Adhesives, Polish	Reduces surface energy of water-based floor finishes, waxes and polishes.
-	Slip and levelling agent. Car refinishing paint.	For baking enamels based on alkyd, acrylic or polyester resins. Very soluble in hydroxyl resins for 2K coating. Air-drying alkyd systems.
15,2	Polish, Paint, Wood coating	Reduces surface energy at very low concentrations. In wood coatings, it helps the varnish to overcome surface contamination defects at very low concentration [0,02%].
20,3	Inks, Paints, Adhesives	Solvent-free wetting and dispersing additive. Aqueous coating systems. Printing inks and liquid colour masterbatches. Stable aqueous effect of pigment dispersions.
20,5	Adhesives, Inks	Flow and levelling agent in paints, adhesives, caulks, architectural coatings and inks.
18,2	Cleaners, Paint	Wetting and dispersing additive with low to moderate foam formation.
18	Paints, Coil Coating	Improves wetting, enhances levelling, reduces cratering. Compatible with most aqueous-based waxes and polishes.
18,7	Cleaners	Cleaners for glass and hard surfaces. It is "ultimately biodegradable" as defined by annex III of the European Regulation 648/2004/EC on detergents.
17,6	Inks, Paints, Adhesives, Polish	It is stable in acidic, basic, and in water with high hardness. Excellent wetting and levelling agent.
17,6	Inks, Coil Coating, Polish	Reduces surface energy of water-based floor finishes, waxes and polishes.
-	Foam stabilizer	Reduces surface tension. Improves wetting and levelling. Reduces cratering, fish-eyes effect and orange-peel effect. At the right dosage it is used as foam stabilizer.
-	Paints	Provides both surface water and oil repellence and chemical resistance to the resulting coated film.
23,5	Wood Coating, Paints, Inks	Improves cleanability of oily agents and provides oil repellence to flat architectural paints and waterborne coatings. Provides good dirt pick up resistance (DPR) in exterior latex paints.



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