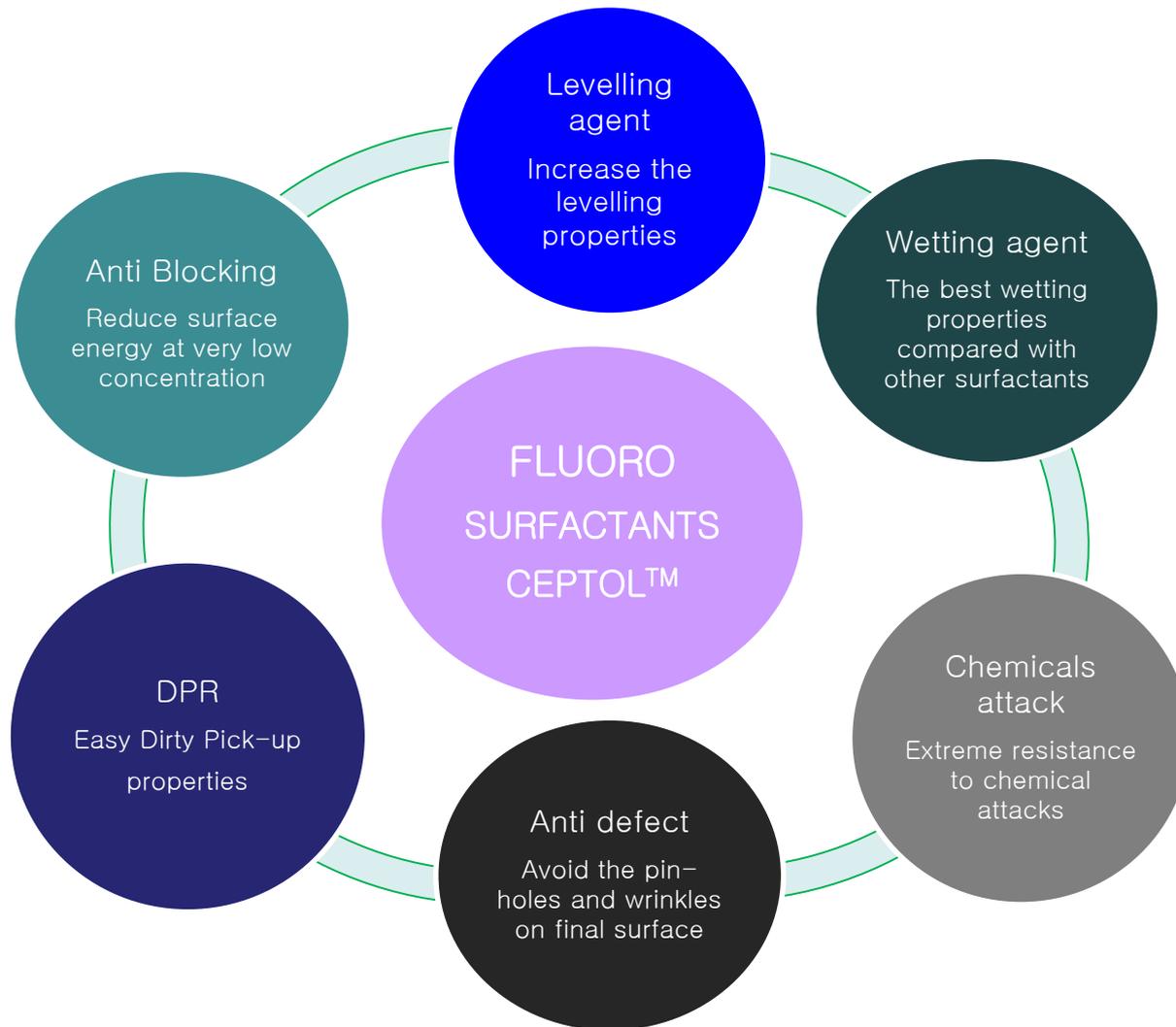


CEPTOL™ FL series (Fluorosurfactants)



IL SHIM FIME CHEMICALS



⊙ SHORT PERFLUORINATED CHAIN FLUOROSURFACTANT.

Product	IONOGENITY	CEMICAL DESCRIPTION	SOLVENT	ACTIVE SUBSTANCE	RECOMMENDED FOR	S/TENSION 0.1% [dynes/cm]	APPLICATION
FLN 610	Nonion	Polymeric Ethoxylated	—	100%	Water Borne Solvent Borne Solvent free	19.1	Paints, Adhesives, Polish
FLN 025	Nonion	Polymeric Ethoxylated	DPM	25%	Water Borne Solvent Borne	18.2	Paints, Cleaners
FLN 050	Nonion	Polymeric Ethoxylated	Water/EG	50%	Water Borne	18.2	Paints Coil Coating
FLN 625-D	Nonion	Polymeric Ethoxylated	IPA/Water	25%	Water Borne	18.1	Inks, Paints Cleaners, Adhesives
FLN 625-W	Nonion	Polymeric Ethoxylated	Water	25%	Water Borne Solvent free	18.5	Inks, Coil Coating, Polish
FLS 50	Anion	Sulfonic acid /ammonium salt	IPA/Water	50%	Water Borne	17.9	Wood coating, Paints, Polish



⊙ SHORT PERFLUORINATED CHAIN FLUOROSURFACTANT.

Product	IONOGENITY	CEMICAL DESCRIPTION	SOLVENT	ACTIVE SUBSTANCE	RECOMMENDED FOR	S/TENSION 0.1% [dynes/cm]	APPLICATION
FLS 25	Anion	Sulfonic acid /ammonium salt	Butoxy ethanol/ Water	25%	Water Borne	16.2	Paints, Adhesives, Inks.
FLC 50	Anion	Carboxyl sodium salt	IPA/Water	50%	Water Borne	16.0	Paints, Cleaners
FLC 30	Anion	Carboxyl sodium salt	Water/IPA	25%	Water Borne	16.8	Paints Cleaners
FLP 340	Anion	Alkyl Phosphate ester	IPA/EG/ Water	25%	Water Borne	17	Inks, Paints Cleaners, Adhesives

Grease and water repellent for surface treatment of carbonless and food contact paper

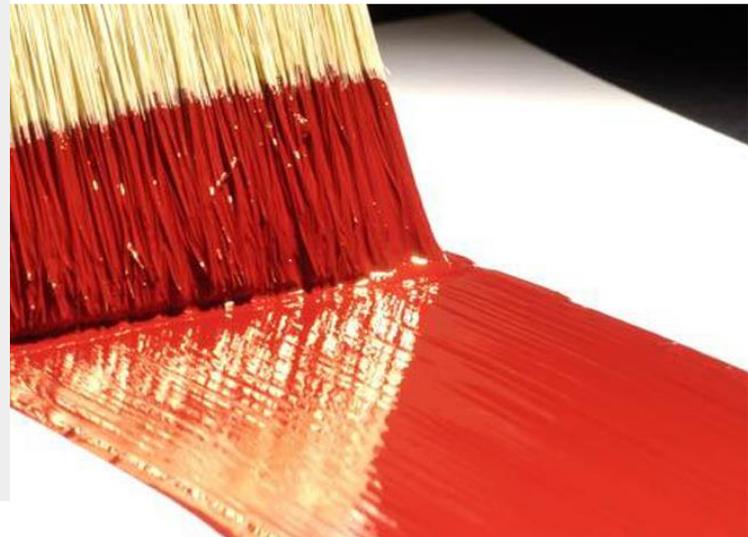
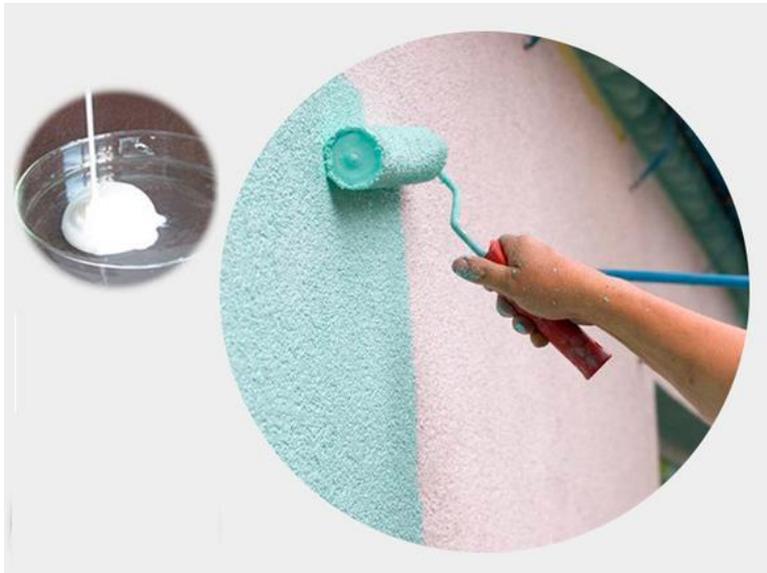
Product	IONOGENITY	CEMICAL DESCRIPTION	SOLVENT	ACTIVE SUBSTANCE	RECOMMENDED FOR	pH (1% in water)	APPLICATION
FLOR 100	Weak Anion	Sulfonic acid /ammonium salt	Hexylene Glycol/ Water	20%	Water Borne	5-6	Food paper paperboard and molded products



*30 minute cure schedule – Resin/Urea (60/40 ratio)



ILDISPER series (Dispersing agents)



IL SHIM FIME CHEMICALS

⊙ Acrylic Homo-polymer & Acrylic co-polymer

Product	IONOGENITY	CEMICAL DESCRIPTION	SOLVENT	ACTIVE SUBSTANCE	RECOMMENDED FOR	pH (1% in water)	APPLICATION
AC40	Anion	Acrylic homo-polymer	Water	40%	Water Borne	7-8	Paper Water treatments Dispersing agents
AC40P	Anion	Acrylic co-polymer	Water	40%	Water Borne	7-8	Paints, Cleaners Dispersing agents
AC303	Anion	Acrylic co-polymer	Water	30%	Water Borne	7-8	Water treatments Dispersing agents Cleaners
DP612	Anion	Special Acrylic co-polymer	Water	25%	Water Borne	8-9	Water-based paints Paper coating
DP612C	Anion	Special Acrylic co-polymer	Water	40%	Water Borne	8-9	Water-based paints Paper coating
WP40M	Anion	Special Acrylic co-polymer	Water	40%	Water Borne	7-8	water base paint & ink

○ Polyoxyethylene alkyl phosphate

Product	IONOGENITY	CEMICAL DESCRIPTION	SOLVENT	ACTIVE SUBSTANCE	RECOMMENDED FOR	pH (1% in water)	APPLICATION
DS 200	Nonion	Polyoxyethylene alkyl ester	–	100%	Water Borne Solvent Borne	7	PVC-Plastisol Dispersing agents
DS 300	Anion	Polyoxyethylene alkyl phosphate	–	100%	Water Borne Solvent Borne	4	Paints, PVC-Plastisol Dispersing agents
DS 100	Anion	Polyoxyethylene alkyl phosphate	–	100%	Water Borne Solvent Borne	4	Paints, PVC-Plastisol Dispersing agents

Head Office/Factory

163, Goyang-ro 117beon-gil, Wolgot-myeon,
Gimpo-si, Gyeonggi-do. Korea

TEL : 82-31-987-8386/7, FAX : 82-31-987-8388

www.il-shim.co.kr

e-mail: tecnic99@hanmail.net

