



GAT 엘베스트 지에이티 (주)
L'BESTE GAT LTD.

NOPCO 한국산노프코 (주)
SAN NOPCO KOREA LTD.

Specialty Chemicals For Industries

Future Strategy Contents

Be green

Buy green

Sell green



Future Strategy Contents



Be green

Buy green

Sell green



L'beste®

History

- 2013** Acquired a Certification of ISO14001 and GMS (Green Management System)
- 2012** Selected 'Brand of Excellent Technology and Qualification' by KOTRA(GAT)
Awarded 30 million dollar export achievement prize by the Government(GAT)
- 2011** Established L'BESTE zian net
Awarded a prize of merit of the Small and Medium Business by the Government(SNKL)
Awarded 20 million dollar export achievement prize by the Government(GAT)
- 2010** Awarded 20 million dollar export achievement prize by the Government(SNKL)
Awarded 5 million dollar export achievement prize by the Government(GAT)
- 2009** Selected 'Brand of Excellent Technology and Qualification' by KOTRA
Awarded 10 million dollar export achievement prize by the Government(SNKL)
- 2008** Awarded 5 million dollar export achievement prize by the Government(SNKL)
Awarded 3 million dollar export achievement prize by the Government(GAT)
- 2006** Launched L'BESTE GROUP
Completion the 2nd plant of SAN NOPCO KOREA at Eumseong
Awarded 3 million dollar export achievement prize by the Government(SNKL)
Selected as a Management Innovation Company by SMBA
- 2004** Awarded a model tax payer prize by the National Tax Service(SNKL)
Awarded a million dollar export achievement prize by the Government(SNKL)
- 2003** Developed polycarboxylate polymer for water reducing agent
- 2000** Selected as an 'Excellent Technology Company' by the Government
- 1998** Acquired a Hi-Tech Certification of the Ministry of Construction and Transportation
- 1997** Established L'BESTE GAT LTD.
Acquired a certification of ISO-9001
- 1994** Established L'BESTE ELKOR LTD.
- 1993** Established R&D center(SAN NOPCO KOREA LTD)
- 1987** Established SAN NOPCO KOREA LTD as a joint ventured company with SAN NOPCO JAPAN
Manufactured license products by technical licence agreement with SAN NOPCO JAPAN
Completion the Pyungtaek Plant
- 1970** Established SAMMI COMMERCIAL COMPANY

Ideology of Management

Management Principles

We will devote ourselves to accomplishing prosperity for all our employees by growing and developing into an excellent company of the 21st century, and we will undertake social responsibility activities for our country and local communities.

We will do our best for cultivating an excellent company of the 21st century through the realization of 3H [High productivity, High added value, and High wages].



Principle of Quality

We shall exert our best effort to supply the products which suit to the requirement of customers at the right time to the right place, and we shall realize the customer satisfaction through continuous improvement and ultimately, we shall contribute to the development of our client companies.

Environmental Policy

We shall recognize the importance and value of environmental preservation, minimize the impact of all the company activities including products and service on the environment, and make the company green by continuing the environmental improvement.

Product List



Concrete Additives (Polycarboxylate Polymers)

Func.	Product	Main Use	Solid (%)	pH (undiluted)	Feature & Advantage	Main Application
PCE Water Reducer	WR-750	Super water Reduction	50	2.2~4.2	- A little higher stickiness - Excellent water reduction	Normal ~ High Concrete and SCC
	WR-780	High range Water reduction	55	2.1~4.5	- Normal stickiness - Good water reduction & reasonable slump retention	Normal ~ High Concrete (30~60MPa)
	WR-700	High range water reduction	50	1.5~4.5	- Good for low stickiness concrete	Normal ~ High Concrete (30~60MPa)
	WR-700M	High range water reduction	50	5.5~7.5	- Normal stickiness - Good water reduction & reasonable slump retention	Normal ~ High Concrete (30~60MPa)
	WR-460	High range water reduction	50	5.5~7.5	- A little higher stickiness - Good for use in SCC	Self compacting concrete
	SWR-685	Water reduction & workability	50	4.5~6.5	- Good for low cement content grade concrete (below 40MPa) - A little more water reduction and a little less slump retention than SWR-680 - Cost-effective	Normal Concrete (30~40MPa)
	SWR-695	High range water reduction	50	5.8~7.8	- Reasonable water reduction - Much more cost effective for light PC admixture	Normal Concrete (30~40MPa)
	EWR-850	High range water reduction	55	2.1~4.7	- Ether based PC - For lower concrete stickiness with good water reduction	Normal Concrete (30~40MPa)
	RT-611HS	Water reduction & Workability	55	5.5~7.5	- Good robustness with various kinds of cements and blended cements - Good for lower stickiness in concrete	Normal Concrete (30~40MPa)
	RT-650H	Water reduction & Workability	50	5.5~7.5	- Good work-ability for precast concrete	Normal Concrete (30~40MPa)
	SWR-680S	Water reduction & Workability	55	5.0~7.5	- Good for blended cements with Fly Ash or Slag - Effective for higher early strength - Higher compressive strength at 28days - Much more cost-effective	Normal Concrete (30~40MPa)
	EWR-810	Water reduction & Workability	55	2.1~4.7	- Ether based PC - For lower concrete stickiness with reasonable water reduction and slump retention soon	Normal Concrete (30~40MPa)
	RX-7	Super slump retention	50	2.0~4.0	- Excellent slump retention for all grade concrete to be used with other water reducers	All grades of concrete
	RX-11	Excellent slump retention	55	5.0~7.0	- Excellent slump retention for normal concrete to be used with other water reducers - Requirement for much longer slump retention	Normal~high Concrete (30~80MPa)
	RX-1	Super slump retention	50	4.0~7.0	- High slump retention for all grade concrete to be used with other water reducers	All grades of concrete
	ESR-870	High range slump retention	55	2.1~4.7	- Ether based PC - For lower concrete stickiness and high cement content concrete with good slump retention	Normal Concrete (30~40MPa)
	RT-470	Special Usage	70	1.0~4.0	- For a low stickiness - Specialized for fine aggregates like clay or dusts bearing sands with reasonable retention - Must be used with other water reducers	All grades of concrete



Func.	Product	Main Use	Solid (%)	pH (undiluted)	Feature & Advantage	Main Application
PCE Water Reducer	ES-600WH	High early strength	45	2.3~4.3	- Good for precast concrete or cold climate condition	All grades of concrete
	ES-500H	High early strength	50	5.0~6.0	- Concrete production at lower temperature - Reduction of setting time and shows early strength on concrete	All grades of concrete
	ES-900	High early strength	50	2.1~4.7	- Concrete production at lower temperature and precast concrete - Good for lower stickiness in concrete	All grades of concrete
	ES-900M	High early strength	45	2.3~4.3	- Lower concrete stickiness than EW-600WH - Good workability	All grades of concrete
	P-97H	Powder type PCE	-	5.0	- Self-leveling flow mortar (Thin & Thick x-layer) - Repair mortar for high-compressive strength - Cementitious self-leveling floor - Dry-mix concrete - All type of grouts	Dry-mix mortar & concrete

Concrete Additives (Defoamers & others)

Func.	Product	Main Use	Solid (%)	pH (undiluted)	Feature & Advantage	Main Application
Defoamer	HS-DEFOAMER 567	Liquid type Defoaming Agent	100	-	- Defoamer for Poly carboxylate type water reducing agent - Well dispersed in aqueous solution - Excellent defoaming power	Excellent defoaming performance with cost-effective
	HS-DEFOAMER 569	Liquid type Defoaming Agent	100	-	- Defoamer for Polycarboxylate type water reducing agent - Well dispersed in aqueous solution - Outstanding defoaming performance	Excellent defoaming performance
	BUILDENT DEX 566	Liquid type Defoaming Agent	100	-	- Defoamer for Polycarboxylate type water reducing agent - Well dispersed in aqueous solution - Foam-breaking, anti-foaming effect	Eco-friendly in comparison with typical TBP defoamers
	COEXCEL DF 564	Liquid type Defoaming Agent	100	-	- Defoamer for Poly carboxylate type super plasticizer - Well dispersed in aqueous solution - Very good stability with PC based admixture - COEXCEL DF-564 is designed to have good stability in PC based admixture as well as defoaming performance by balancing hydrophilicity and hydrophobicity. So it will help to control the air contents of concrete in a proper range without admixture separation.	Excellent compatibility with PCE base super plasticizers and other aqueous materials
	HS-DEFOAMER 568	Liquid type Defoaming Agent	100	-	- Defoamer for Poly carboxylate type superplasticizer - Well dispersed in aqueous solution - Foam-breaking, anti-foaming effect	Excellent stability for long distance delivery and long time storage
	SN-DEFOAMER 14HP	Powder type Defoaming Agent	100	-	- Excellent self leveling performance - Specialized in anti-foaming performance - Good compatibility with other materials - Superior finishing on mortar and concrete surface	Self-leveling mortar and anti-wash concrete



Concrete Additives (Defoamers & others)

Func.	Product	Main Use	Solid (%)	pH (undiluted)	Feature & Advantage	Main Application
Defoamer	NOPCO PD#1	Powder type Defoaming Agent	-	-	- Good compatibility with other materials - Superior finishing on mortar surface - Prevent excessive shrinkage and porosity	Good performance in repair and grout mortar
	HS-PDF-54	Powder type Defoaming Agent	-	-	- Specialized in anti-foaming performance - Good compatibility with other materials - Superior finishing on mortar surface - Prevent excessive shrinkage and porosity - Improved impermeability	Good performance in repair and grout mortar
	HS-PDF-57	Powder type Defoaming Agent	-	-	- Specialized in anti-foaming performance - Good compatibility with other materials - Superior finishing on mortar surface - Prevent excessive shrinkage and porosity - Improved impermeability - Strong defoaming performance and cost-effective	Good performance in repair and grout mortar
Others	ANTISEG 001	Viscosity Modifying Agent for Concrete	6	4.8	- Emulsion paints, structural spray paint thickener in need of thixotropic flent an excellent viscosity	Anti-segregation and Anti-bleeding of concrete
	ANTISEG 003	Viscosity Modifying Agent for Concrete	30	3.0	- Excellent water protection and fluidity for coating color - Alkali swell able type thickening Agent	Anti-segregation and Anti-bleeding of concrete
	ANTISEG M60	Viscosity Modifying Agent for Concrete	20	8.5	- Flowing normal strength concrete without segregation at high pressure pumping - Anti-segregation and Anti-bleeding of concrete - Self-compacting concrete without segregation by giving proper viscosity of fresh concrete - Good compatibility with PCE super-plasticizer	Pump-ability for long distance with high-pressure
	BEST RS Series	Shrinkage Reducing Agent	-	-	- BEST RS-14 is an organic surfactant based liquid shrinkage reducing agent which can be used for the purpose of reducing shrinkage of dried cement mortar and concrete - A special admixture showing significant reduction of shrinkage crack as well	Used for the purpose of reducing shrinkage of dried cement and concrete
	HS-AE 151	Air Entraining Agent	26 (ActiveCon.)	10	- Rosin type air entraining agent for polycarboxylate type water reducing agent	Entraining the fine, uniform and stable air
	COEXEL TH-50	Tile adhesive Putty	35.0 ±1.0	7.0 ±1.0	- Excellent viscosity control with a little amount - Superior thixotropic thickening - Phenol, formaldehyde free type - If it is stored for long periods, it is stirred before use	Inverse emulsion thickener for construction
	COEXEL TH-60	Tile adhesive Putty	35.0 ±1.0	7.0 ±1.0	- Excellent viscosity control with a little amount - Superior thixotropic thickening - Phenol, formaldehyde free type & zero voc type - If it is stored for long periods, it is stirred before use	Inverse emulsion thickener for construction





Product List

UV Monomer - GATOMER, NOPCOMER Series

Product Name	Description	Func.	Color (GARDNER)	Solid (%)	Viscosity (at 25°C)	Mw	Characteristics
GATOMER 2000 (HDDA)	Hexanediol Diacrylate	2	≤1	100	5~15	226	Good adhesion Low volatility Fast curing
GATOMER 3000 (TMPTA)	Trimethylol Propane Triacrylate	3	≤1	100	80~120	296	Good abrasion resistance Low volatility Fast curing
GATOMER 3401 (PETA)	Pentaerythritol Triacrylate	3~4	≤1	100	<1,000	298	Very fast cure response when exposed to Ultraviolet or Electron beam.
GATOMER 5600 (DPPA)	Dipentaerythritol Pentaacrylate	5~6	≤1	100	5,000~9,000	524	High density of Acrylate make high surface-hardness and high curing velocity, low odor, low skin irritancy
NOPCOMER 4612 (DPHA)	Dipentaerythritol Hexaacrylate	5~6	≤2	100	5,000~9,000	540	High density of Acrylate make high surface-hardness and high curing velocity, low odor, low skin irritancy



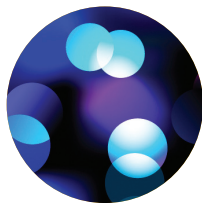
UV Monomer - NEOMER Series

Product Name	Description	Func.	Color (GARDNER)	Solid (%)	Viscosity (at 25°C)	Mw	Characteristics
NEOMER PM-201	Triethyleneglycol dimethacrylate	2	≤1	100	9	285	Low volatility, low odor and high curing reactivity
NEOMER PA-305	Polypropyleneglycol diacrylate	2	≤1	100	15	310	Low volatility, low odor and high curing reactivity
NEOMER NA-305	Propoxylated neopentylglycol diacrylate	2	≤1	100	18	330	Low volatility, low odor and high curing reactivity
NEOMER BA-641	Ethoxylated bisphenol A diacrylate	2	≤1	100	1,100	520	Low volatility, low odor and high curing reactivity
NEOMER TA-401	Ethoxylated trimethylolpropane triacrylate	3	≤1	100	83	405	Low volatility, low odor and high curing reactivity
NEOMER TA-505	Propoxylated trimethylolpropane triacrylate	3	≤1	100	95	460	Low volatility, low odor and high curing reactivity



UV Urethane Acrylate Oligomer

Product Name	NV	Viscosity [cPs _{25°C}]	Func.	Characteristics
GATOMER 8200DT	80 ±2	130,000	2	Good scratch & abrasion resistance, Superior stain resistance & Non-yellowing, Exterior durability & toughness, Adhesion to various substrate
GATOMER 8252	90 ±2	3,600	2	Good scratch & abrasion resistance, High hardness, Adhesion to various substrate, Exterior durability
GATOMER 8289T	80 ±2 (Xylene)	2,000	2	Good Abrasion resistance, Good flexibility & heat resistance, Exterior durability, Adhesion to various substrate, Non-yellowing
GATOMER 8354	80 ±2	35,000	2	Good scratch, Good flexibility, Heat & Abrasion resistance, Exterior durability & toughness
GATOMER 8543T	80 ±2	5,000	2	Good scratch & abrasion resistance, Superior stain resistance & Non-yellowing, Exterior durability & toughness, Adhesion to various substrate
GATOMER 8550T	85 ±2	15,000	2	Good scratch & abrasion resistance, Superior stain resistance & Non-yellowing, Exterior durability & toughness, Adhesion to various substrate
GATOMER 8201	91 ±2 (IBOA)	130,000	2	Good flexibility . good adhesive performance, Non-yellowing, High solvent resistance
GATOMER 8205H	65 ±2 (HDDA)	(25°C) 1,400	2	Good flexibility . good adhesive performance, Non-yellowing, High solvent resistance
GATOMER 8205	100	(40 °C) 13,600	2	Good flexibility . good adhesive performance, Non-yellowing, High solvent resistance
GATOMER 8220T	100	5,400	2	Flexibility, Toughness, Exterior durability, Non-yellowing, Excellent adhesion to difficult substrates COUNTER : EBECRYL 9270 (CYTEC)
GATOMER 8300T	100	70,000	2	Good abrasion resistance, Good flexibility & heat resistance, Exterior durability, Excellent toughness, Adhesion to various substrate, Non-yellowing
GATOMER 8300F	70 ±2	300	3	Low viscosity & flexibility, Outstanding toughness & stain resistance, Non-yellowing
GATOMER 8400	90 ±2	8,000	3	Excellent abrasion resistance, Outstanding toughness & 90 ±28,000 stain resistance, Non-yellowing
	100	(60°C) 3,000		
GATOMER 8300	100	8,000	3	Good flexibility , toughness and exterior durability Very low viscosity coatings
GATOMER 8301F	50 ±2 (TMPTA)	(60°C) 2,300	3	Excellent vibration-abrasion resistance, Outstanding toughness & stain resistance, Non-yellowing
GATOMER 8381T	100	20,000	3	Low viscosity & flexibility, Outstanding toughness & stain resistance, Non-yellowing
GATOMER 8856T	80 ±2	780	6	High hardness & scratch resistance, High solvent resistance, High gloss, Extremely fast cure speed, Non-yellowing
GATOMER 8857T	90 ±2	2,100	6	High hardness & scratch resistance, High solvent resistance, High gloss, Extremely fast cure speed, Non-yellowing



Product Name	NV	Viscosity (cPs25℃)	Func.	Characteristics
GATOMER 8858F	90 ±2	16,000	6	High hardness & scratch resistance, High solvent resistance, High gloss, Extremely fast cure speed, Non-yellowing
GATOMER 8859T	90 ±2	20,000	6	High hardness & scratch resistance, High solvent resistance, High gloss, Extremely fast cure speed, , Non-yellowing
GATOMER 8161	80 ±2	1,000	6	High hardness & scratch resistance, High solvent resistance, High gloss, Extremely fast cure speed, Extremely Non-yellowing
GATOMER 8800	80 ±2	420	6	High hardness & scratch resistance, High solvent resistance, High gloss, Extremely fast cure speed, Non-yellowing COUNTER : EBECRYL 1290 (CYTEC)
	100	95,000		
GATOMER 8960T	75 ±2	2,500	9	High hardness & excellent abrasion resistance, High scratch & solvent resistance, Good toughness & gloss, Non-yellowing
GATOMER 8900	80 ±2	1,700	9	High hardness & excellent abrasion resistance, High scratch resistance & solvent resistance, Good adhesion & gloss, Fast cure speed, Non-yellowing
	100	(40℃) 40,000		
GATOMER 8906T	100	50,000	10	Very high hardness & excellent scratch resistance, Excellent chemical resistance, Extremely fast cure speed, Non-yellowing
GATOMER 8150T	100	(40℃) 28,000	15	Very high hardness & excellent scratch resistance, Excellent chemical resistance, Extremely fast cure speed, Non-yellowing



UV Epoxy Acrylate Oligomer

Product Name	NV	Viscosity (cPs25℃)	Func.	Characteristics
GATOMER 8610T	100	(40℃) 100,000	2	High hardness & scratch resistance, Good solvent resistance, High gloss, Extremely fast cure speed
GATOMER 8630	80 ±2	(60℃) 1,000	2	Diluted by TMPTA 20%
GATOMER 8180T	80 ±2	30,000	2	Diluted by TPGDA 20%
GATOMER 8200T	70 ±2	8,500	2	Diluted by POEA (2-Penoxo acrylate) 30%



Product List

Additives for Coatings

Func.	Product Name	Type	Application	Feature
Defoamer	COEXEL DF-8034L	Silica silicon	- Latex, Water based paint, ink, emulsion, adhesive, Finishing materials	- General-purpose defoamer which has good anti-foaming ability - Good coating film without crater, gloss loss
	SN-DEFOAMER 313K		- Water based semi-gloss emulsion paint - Exterior finishing material	- Excellent foam breaking and anti-foaming ability - Good for foam-prone conditions such as roller coating
	SN-DEFOAMER 483		- Defoamer for construction, PVA emulsion - Acryl organic binder	- Special non-ionic defoamer for any systems - Good foam breaking and anti-foaming ability
	SN-DEFOAMER 777S		- Water based resin, latex, emulsion and paint, ink - Coating color for paper	- Water based general-purpose defoamer without crater or fish eye
	SN-DEFOAMER VL		- Water based paint, acryl, acryl acetate, SBR, latex, ink, adhesive	- Good compatibility with latex and anti-foaming ability - Good defoaming performance for NBR, latex
	COEXEL DF-300	Modified silicon	- Water based high-gloss paint	- Excellent anti-foaming ability to prevent micro-foam trouble - Suitable for gloss paint
	SN-DEFOAMER 399		- Water based paint, ink, emulsion and adhesive	- Excellent performance in anti foaming - Less gloss loss and less craters
	SN-DEFOAMER 1311		- Water based paint, ink, emulsion and adhesive - Paint for low pollution	- Product with improved performance of SN-DEFOAMER 399 - Less gloss loss and fewer craters, excellent foam breaking and long-lasting anti-foaming ability
	COEXEL DF-101	Mineral oil	- FLAT, SEMI-GLOSS emulsion paint - Exterior finishing material	- Excellent foam breaking and anti-foaming ability for water based emulsion
	COEXEL DF-122NS		- Water based paint, ink	- Excellent anti-foaming performance without craters
	COEXEL NDW	Mineral Oil	- Latex, acryl acetate, EVA, acryl emulsion, construction putty, adhesive	- General purpose defoamer for various fields
	COEXEL NXZ		- Synthetic latex, emulsion paint - Adhesive, construction putty	- General purpose defoamer for various fields
	COEXEL DF-400	Silicon compound	- Silicon elastic paint - High viscosity paint	- Silicon type defoamer for high viscosity - No degradation in gloss and micro-foam
	COEXEL DF-800	Polyether	- Water based hi-gloss paint, ink, emulsion and adhesive	- Good foam breaking and anti-foaming ability at any system - Mineral oil free type for Zero VOC product
	COEXEL DF-891		- Water based paint, ink, emulsion and adhesive - Ceramics, EVA emulsion	- Good foam breaking and anti-foaming ability at any system - Mineral oil free, silicone free type non-ionic defoamer - Zero VOC product
	SN-DEFOAMER 180		- Automotive coatings, water based paint, ink, and emulsion adhesive	- Excellent cratering stability defoamer - Give good dispersion effect

Func.	Product Name	Type	Application	Feature
Defoamer	SN-DEFOAMER 184	Polyether	- Automotive coatings, water based paint, ink and emulsion adhesive	- Product with improved performance of SN-DEFOAMER 180 - Good ability to decrease the surface tension - Good wetting and leveling effect
	COEXEL DF-901		- Automotive coatings, water based paint, ink and emulsion adhesive	- Excellent cratering stability defoamer - Give good dispersion effect - Good ability to decrease the surface tension - Good wetting and leveling effect
	SN-DEFOAMER 470		- Water soluble adhesive, coating materials. - Emulsion, latex type adhesive - Alkali development process of D/F resist manufacturing	- Good dispersibility - Low scumming or cratering - Good for low viscosity emulsion or water soluble resin solution
	COEXEL DF-725		- Water soluble adhesive, coating, materials - Alkali development process of D/F resist manufacturing	- Good dispersibility - Low scumming or cratering - Good for low viscosity emulsion or water soluble resin solution
	COEXEL PD#1	Powder	- Adhesive, paint, construction putty, cement, powder adhesive	- Pre-mix type powder defoamer - Uniform mixing with powder is possible
	HS-PDF 54		- For various type of powder	- Good compatibility with resin - Excellent defoaming effect for a long time
	HS-PDF 57		- For various type of powder	- Good compatibility with resin - Excellent defoaming effect for a long time
	SN-DEFOAMER 14HP		- For various type of powder	- Pre-mix type powder defoamer - Excellent foam breaking performance for quality improvement of products
	COEXEL DF-15HP		- For various type of powder	- Pre-mix type powder defoamer - Excellent foam breaking performance for quality improvement of products
Defoamer (Oil Based)	DAPPO SN-352 (Oil based)	Silicon	- 2-component epoxy paint	- Excellent defoaming ability without micro-foam - Good recoating-adhesiveness, No craters and color separation
	DAPPO SN-367 (Oil based)		- NAD paint, acryl paint, acryl styrene paint	- Defoamer for high viscosity paint - Sustaining defoaming ability for oil based paint
	COEXEL DF-500 (Oil based)	Special silicon	- NAD paint	- Excellent lasting defoaming ability - Special silicon type defoamer - No micro-foam and craters
	COEXEL DF-5041 (Oil based)		- UV ink, NAD paint	- Excellent lasting defoaming ability - Special silicon type defoamer - No micro-foam and craters - Better performance at aromatic type of thinner
	COEXEL DF-5042 (Oil based)		- UV ink, NAD paint	- Excellent lasting defoaming ability - Special silicon type defoamer - No micro-foam and craters
	DAPPO SN-348 (Oil based)	Non-Silicon	- Urethane, acryl, UV paint, Oil based ink	- Excellent defoaming performance without craters - No bad effect to intercoat adhesion
	DAPPO SN-354 (Oil based)		- Acryl, urethane, polyester, alkyd paint, Oil based ink	- Excellent lasting defoaming ability - No micro-foam and craters
	DAPPO SN-368 (Oil based)		- Acryl, urethane, polyester, alkyd paint, Oil based ink	- Excellent lasting defoaming ability - No micro-foam and craters
	DAPPO SN-374 (Oil based)	Fluor	- Low-pollutive, acryl paint, strong solvent acryl paint, acryl-urethane NAD paint	- Less craters and Good defoaming effect for NAD(Non-Aqueous Dispersion) paint



Func.	Product Name	Type	NV (%)	Feature
Dispersant	COEXEL DS-200	Polycarboxylic acid	50	<ul style="list-style-type: none"> - Excellent dispersing performance for metal powder, dyes, inorganic pigment, gypsum, cement, carbon black, ferrite - Effective for ultrafine particle - Good water-reducing performance
	COEXEL DS-1040		40	<ul style="list-style-type: none"> - Excellent performance for dispersing TiO₂, organic pigment and carbon black - Excellent performance of decreasing viscosity, coloring, water resistance and rust resistance - For water based paint, automotive coatings, wood coatings, flexography and gravure ink
	COEXEL DS-1520		35	<ul style="list-style-type: none"> - Excellent performance for dispersing organic pigment and carbon black - Good water resistance and rust resistance - For water based flexography and gravure ink, industrial paint, pigment toner, inkjet ink
	COEXEL DS-6067	Polycarboxylic acid amine salt	25	<ul style="list-style-type: none"> - Good water resistance and rust resisting quality dispersant developed for ceramics - Proper to produce high-concentration low-viscosity stable slurry - For water based paint, ceramics
	COEXEL DS-201		40	<ul style="list-style-type: none"> - Excellent dispersing effect for organic and inorganic pigment - Improve water tolerance and rust resisting quality - For water based emulsion paint, waterproof flooring material
	COEXEL DS-2029		30	<ul style="list-style-type: none"> - Good water resisting, and rust resisting quality - Effective for inorganic pigment such as TiO₂, clay etc - For water based emulsion paint, waterproof flooring material
	SN-DISPERSANT 5027	Polycarboxylic acid ammonium salt	20	<ul style="list-style-type: none"> - Dispersant for organic and inorganic pigment with excellent water and rust resisting quality - Product with improved water resisting quality of SN-DISPERSANT 5029 - For water based emulsion, paint
	SN-DISPERSANT 5029		25	<ul style="list-style-type: none"> - Dispersant for organic and inorganic pigment with excellent water and rust resisting quality - Product with improved dispersing performance of SN-DISPERSANT 5027 - For water based emulsion, paint - Good compatibility
	COEXEL DS-102	Polycarboxylic acid sodium salt	30	<ul style="list-style-type: none"> - Good water resisting, and rust resisting quality - Effective for inorganic pigment such as TiO₂, clay etc - For water based emulsion paint, waterproof flooring material
	SN-DISPERSANT 44S		42.5	<ul style="list-style-type: none"> - Effective for decreasing viscosity of slurry and dispersing CaCO₃, TiO₂ inorganic pigment - Very stable to temperature and no effect to increase viscosity - For water soluble
	SN-DISPERSANT 5034		45	<ul style="list-style-type: none"> - Excellent dispersing performance for PCC, inorganic pigment - Good quality for storage - Dispersant for water based
Dispersant (Oil Based)	COEXEL DS-202 (Oil based)	Polycarboxylic acid amine salt	50	<ul style="list-style-type: none"> - Excellent wetting, anti-settling, dispersing performance for oil based paint and ink - For alkyd, acryl, epoxy, chlorinated rubber, polyurethane, vinyl chloride resin
	COEXEL DS-203 (Oil based)	Polyethylene	100	<ul style="list-style-type: none"> - Excellent performance for processing PVC plastisol - Very effective for dispersing CaCO₃, TiO₂, ZnO
	COEXEL DS-205 (Oil based)	Polyethylene	100	<ul style="list-style-type: none"> - It's APEO free type and has excellent performance for processing PVC plastisol - Very effective for dispersing large amount of filler (like CaCO₃, TiO₂, ZnO)



Func.	Product Name	Type	NV (%)	Feature
Dispersant (Oil Based)	COEXEL DS-365 (Oil based)	COPOLYACRYLATE POLYMER	100	- Acryl copolymer type dispersion agent for solvent based paint - Excellent wetting, anti-settling, dispersing performance for oil based paint and ink
	SN-DISPERSANT 9228 (Oil based)	Polyester	100	- Effective for organic pigment, polymer, filler - Excellent performance for alumina, CaCO ₃ , TiO ₂ and new ceramics

Func.	Product Name	Type	VOC contain	Application	Feature
Thickener	COEXEL TH-1000	Urethane modified polyether	Free	- Emulsion paint, water based paint, emulsion adhesive, water based ink - 10%	- Solvent free, eco friendly Zero VOC type - Good flow and leveling performance, no gloss loss
	COEXEL TH-1002		Free	- Emulsion paint, water based paint, emulsion adhesive, water based ink - 40%	- Solvent free, eco friendly Zero VOC type - Good flow and leveling performance, no gloss loss - Viscosity and pattern can be controlled as its thixotropy property
	COEXEL TH-1009		Contain	- Emulsion paint, water based paint, emulsion adhesive, water based ink - 44%	- Good flow and leveling performance, no gloss loss - Viscosity and pattern can be controlled as its thixotropy property
	COEXEL TH-1007		Contain	- Emulsion paint, water based paint, emulsion adhesive, water based ink - 20%	- Good thermo-sensitive and good toning property - Good flow and leveling performance, no gloss loss - Viscosity and pattern can be controlled as its thixotropy property
	COEXEL TH-1500		Free	- Emulsion paint, water based paint, emulsion adhesive, water based ink - 20%	- Zero VOC type - Excellent leveling, thickening performance, no gloss loss
	SN-THICKENER 612NC		Contain	- High-gloss elastic emulsion paint, water based resin paint, adhesive - 44%	- Excellent leveling, thickening performance, no gloss loss - Viscosity and pattern can be controlled using with thixotropic thickener
	SN-THICKENER 624N		Contain	- Water based emulsion paint, elusion, adhesive, water based ink - 25%	- Thickener which has strong thickening and good leveling performance - Good adhesiveness for elastic paint and tile paint - Viscosity and pattern can be controlled using with thixotropic thickener
	COEXEL AT-40	Modified polyacryl emulsion	Free	- Water based Paint and putty - Hydroxy ethyl cellulose - Texture coating - 28%	- High thickening effect with good appearance and rheology - Showing honey-like rheology - Easily mixed with paint, putty (just stirring over 20minutes only)
	COEXEL AT-99		Free	- Water based paint and putty - High pigmentated compositions - Texture coating (Mixture of binder and sands) - 30%	- High thickening effect with small quantity of dosage - Showing Honey-like rheology - Easily mixed with paint, putty (just stirring over 20 minutes only)
	COEXEL TH-06		Free	- Water based paint and putty - Substitute for Hydroxy ethyl cellulose - Acrylic vanish - 30%	- Very high thickening effect - Showing butter-like rheology - Easily mixed with paint, putty, and vanishes (just stirring over 20 minutes only)
	COEXEL TH-2006		Free	- Emulsion paint, water based paint, emulsion adhesive, water based ink - 30%	- High solid and strong thickening property - Good decay stability - Good flow and leveling performance, no gloss loss

Func.	Product Name	Type	VOC contain	Application	Feature
Thickener	SN-THICKENER 618	Modified polyacryl emulsion	Free	- Emulsion paint, water based paint - 12%	- Water soluble product for coating color - Good decay stability - Improve flow and repair property, give good thixotropic performance
	SN-THICKENER 641		Free	- Emulsion paint, water based paint, emulsion adhesive, water based ink - 30%	- High solid and strong thickening property - Good decay stability - Good flow and leveling performance, no gloss loss

Func.	Product Name	Type	Application	Feature
Wetting agent	COEXEL WT-50	Anionic 50%	- Water based paint and emulsion	- High performance wetting agent for wide range of pH - Improve color identifications, leveling property, storability, workability
	COEXEL WT-900	Non-ionic 100%	- Water based paint, ink, adhesive, UV paint	- Modified silicon surfactant, polyether, water based coatings - Good effect decreasing surface tension, give excellent wetting property
	COEXEL WT-901	Non-ionic 100%	- Water based paint, ink - Paper coating paint, latex	- Good effect decreasing surface tension - Improve wetting ability and leveling property or paint and emulsion
	COEXEL WT-972	Anionic 65%	- Water based paint and ink	- High performance wetting agent for wide range of pH - Low foaming wetting agent - Good wetting, leveling property - No craters, Improve workability and storability
	COEXEL WT-973	Non-ionic 100%	- Water based inorganic pigment, paint, ink, adhesive - Emulsion, Latex	- Good effect decreasing surface tension, give excellent wetting property - Protect from discoloration - High performance wetting agent for wide range of pH - Non-silicon type, good recoating ability
	COEXEL WT-F8	Non-ionic 100%	- Water based coatings, paint, emulsion, latex	- APEO free eco-friendly wetting agent - Higher alcohol ethoxylate
	COEXEL WT-S3	Non-ionic 100%	- Water based, Oil based paint - PVC SOL	- APEO free, eco-friendly wetting agent - Good biodegradable product
	SN-WET 366	Non-ionic 70%	- Water based paint and emulsion	- Non-ionic wetting agent - Excellent wetting property - No coagulation problems
	SN-WET 970	Anionic 50%	- Water based paint and emulsion	- Sulfonate anion surfactant, low foaming wetting agent - Excellent wetting, leveling property - No craters, Improve workability and storability
	SN-WET 980	Non-ionic 100%	- Water based paint and ink - Paper coating paint, emulsion - Latex	- Good ability to decrease surface tension - Excellent wetting ability and leveling performance - Low foams
	SN-WET L	Non-ionic 100%	- Water based paint and ink - Latex and latex compound - Pigment paste	- Ester type low foam surfactant - Effective as stabilizer of emulsifying agent - Good for produce high-concentration of latex
	COEXEL WT-100	Non-ionic 50%	-Water based paint and ink -Coating	- Provides defect-free defoaming and dynamic wetting benefits in waterborne coatings - Inhibits foam generation in processing and application with added surface tension reduction that improves substrate wetting and appearance.
	COEXEL WT-110	Non-ionic 80%	-Water based paint and ink -Coating	- Provides defect-free defoaming and dynamic wetting benefits in waterborne coatings - Inhibits foam generation in processing and application with added surface tension reduction that improves substrate wetting and appearance.



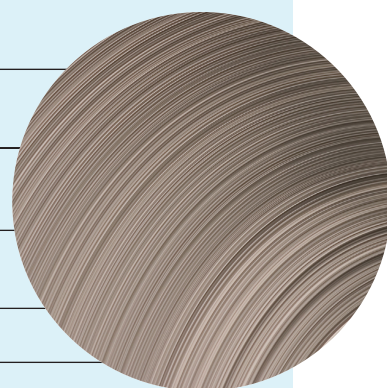
Func.	Product Name	Type	Application	Feature
Leveling agent and the others	NOPCO DC-100A	Ammonium stearate 33%	- Water based acryl, urethane emulsion, latex, starch	- Good flow property foam stabilizer, lubricant - Improve foam stability, lubricative performance
	COLORSPERSE 188A	Non-ionic 100%	- Water based, Oil based paint	- Improve the color acceptance of emulsion paints - Prevent pigment flocculation or coatings and improve color identifications
	HIPLUS AD-3000	Fatty acid ester Powder	- Powder coatings	- Polar fatty acid ester type electrostatic agent - Improve storability
	SN-DULLACT 1001W	Polyolefin wax 40%	- Water based paint	- Polyolefin wax type liquid quencher - Excellent quencher and slip property - Prevent scratch of coating film, good weather-ability and water resistance
	NOPCOPLUS LE-1045	Acrylic copolymer 100%	- Oil based paint, coating agent	- Excellent wetting performance, improve dispersing property leveling agent - Less craters and orange peel - No bad effect to adhesiveness
	SN-LEVELLER S-906 SN-LEVELLER S-908	Non-ionic 50%	- Oil based paint	- Organic modified silicon surfactant leveling agent - Improve color identifications leveling and wetting property
Anti-Settling agent	COEXEL TH-500	Polyamide powder	- Solvent based heavy duty paints	- Strong anti-sagging / anti-settling - Very good flow and leveling - Very little trouble such as poor recoating and seeding
	COEXEL TH-600	Polyamide wax	- Solvent based plastic and wood coatings	- Anti-sagging / anti-settling - Very good flow and leveling - Applicable to wide range of solvent base coatings
	COEXEL TH-4000 (Oil based)	Fatty acid	- Alkyd resin, oil based paint - 26%	- High fatty acid amide type anti-sagging agent - Excellent storability - Excellent anti-sagging, anti-settling, toning performance
Opaque Polymer	COEXEL SHP-40	Opaque Polymer	- Exterior, interior paint - Gloss paint - Semi gloss paint	- Reducing raw material cast in latex paint - Reinforcing film integrity properties in latex paint - Improving gloss
	COEXEL SHP-99		- Exterior, interior paint - Gloss paint - Semi gloss paint	- Reducing raw material cast in latex paint - Reinforcing film integrity properties in latex paint - Improving gloss
	COEXEL SHP-100		- Paper board - LWC - Art paper - Thermal paper	- High gloss - Better opacity - Good processibility - Good printability - Good adhesion with lamination
Binder	COEXEL HGP-500	Acrylic polymer	- Water based interior / exterior gloss and clear paints	- Excellent water-resistance property and good adhesion property with various substrates
	COEXEL SAP-222		- Water based interior low voc paint (flat / gloss / clear)	- Good water resistance property and good adhesion property with various substrates
	COEXEL SAP-780M		- Water based Interior / exterior flat paint and putty	- Excellent water resistance property and good adhesion property with various substrates
	COEXEL SAV-5414		- Water based interior flat paint and putty	- Good water resistance property and good adhesion property with various substrates

Product List

Additive for Paper Industry



Func.	Product Name	Feature
Defoamer for Coating color & Size press	COEXEL 8034L	- Excellent defoaming and anti-foaming agent by adding in coating color and size press process
	SN-DEFOAMER 777S	- Foam breaking and anti-foaming agent with low oil spot - Suitable for clear coating color as starch type etc
Defoamer for Coating Color	COEXEL DF-KPX	- Fish-eye free defoaming agent by adding in last stage of coating color making process
Dispersant for Inorganic Pigment (GCC, Clay, TiO ₂ , Talc)	CARRYBON L-400	- Highly effective dispersant for various coating color - Especially effective for GCC, Clay, TiO ₂ , Talc and Satin white
	CARRYBON L-400S	
Dispersant for Inorganic Pigment (PCC)	SN-DISPERSANT 5034	- Excellent dispersing performance for PCC
Thickening Agent	SN-THICKENER 920	- Higher water retention property and prevents from streaking, ununiformity of coated weight and migration of binder imparts good long term stability of coating color viscosity - High solids alkali swellable emulsion
	SN-THICKENER 929S	- Modified polyacrylate aqueous solution - Effective as water retention aid for latex rich coating - Color as Curtain Flow Coating - Prevents from occurring roll-pattern with higher water retention in gate-roll coating
Lubricant for Coating Color	NOPCOTE C-104	- 50% solids calcium stearate dispersion for use in coating color - Excellent releasing and anti-dusting property
	NOPCOTE C-155S	- 55% solids calcium stearate dispersion for use in coating color - Excellent releasing and anti-dusting property
	SN-COTE 950	- Specially focused on low-gloss coating color - Improve printability
Lubricant for cast coated paper	NOPCOTE PEM-17	- Excellent releasing property and print gloss - Recommendable to cast coating
Lubricant for Size-press	NOPCOTE DC-110AD	- Lubricant for starch in size-press process - Improves smoothness of paper and reduce roll-pollution
Deaerator for Paper Making	SN-DEFOAMER 265	- Good antifoaming and foam breaking agent - Excellent for paper making process
	HS-DEFOAMER 571	- Alcohol type deaerator - Good deaerating and foam breaking agent
Lotion for tissue	COEXEL SM-1	- More soft wall paper and more moisten tissue is possible
Softner for tissue	COEXEL SF-100	- Improve flexibility by increasing tissue volume - Pulp consumption, dry-cost can be saved
Cation polymer for ink-jet	COEXEL CF-100	- Improve printability and water resistance of uncoated ink-jet paper.. - Shows good performance both pigment type, dye type.
Surface strength agent	COEXEL ST-100	- Improve surface and water resistance of uncoated ink-jet paper. - Replaceable for PVA in coating color, size press.
Wetting agent for curtain flow coater	COEXEL WT-100	- Provides defect-free defoaming and dynamic wetting benefits in waterborne coatings - Inhibits foam generation in processing and application with added surface tension reduction that improves substrate wetting and appearance.
	COEXEL WT-110	- Provides defect-free defoaming and dynamic wetting benefits in waterborne coatings - Inhibits foam generation in processing and application with added surface tension reduction that improves substrate wetting and appearance.



Product List

Additive for Ceramics



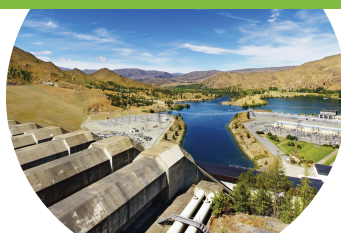
Func.	Product Name	NV (%)	Feature
Dispersant	CERASPERSE 44CF	42.5	- Polycarboxylate sodium salt type, effective for potter's clay and alumina
	CERASPERSE 5468CF	40	- Polycarboxylate ammonium salt type, effective for alumina and ferrite no contain sulfur compound, which is suitable where alkali metal and sulfur should be avoided
	DISPEXEL DS-1040	40	- Polycarboxylate amide salt type, excellent performance for fine particle such as plaster, organic pigment and carbon black
	DISPEXEL DS-1520	35	- Polycarboxylate amide salt type, excellent performance for fine particle such as organic pigment and carbon black
	DISPEXEL DS-5803	70	- Polycarboxylate type effective for fine particle dispersion such as metal and plaster
	SN-DISPERSANT 7347C	20	- Cationic dispersant - Dispersant for silicon nitride, silicon carbide - It has good performance in alcohol system
Defoamer	DISPEXEL DF-551	100	- Polyether type, Excellent anti-foaming ability, Effective for electro-ceramics and ferrite since it has no ash
	SN-DEFOAMER 483	100	- Silica silicon type, Suitable for PVA - Good foam breaking and anti-foaming ability
	SN-DEFOAMER 485	100	- Polyether type nonionic foam breaking / anti-foaming agent - Excellent for PVA and electro-ceramics with small dosage
Binder	DISPEXEL BD-20A	45	- Modified PEG type, don't need plasticizer, easy to control water, low ash contents and good green strength
	DISPEXEL BD-25	20	- PVA solution type, improve quality management and production efficiency, need plasticizer
Lubricant	DISPEXEL LU-40M	40	- Polyethylene wax emulsion type, for alumina and ferrite, low ash
	DISPEXEL LU-200	19	- Fatty acid ester type, no metal ash
	DISPEXEL LU 1097A	50	- Calcium stearate emulsion type, anti-tacky performance and lubricant at extrusion molding, no need of milling process
	NOPCOPLUS LU-6418	30	- Fatty acid ammonium salt type, much lower ash, good for electro-ceramics, effective for electro-ceramics since it has no ash

Product List

Defoamer for Waste Water



Product Name	Feature
TP-133	- Powerful defoaming performance and especially good for livestock wastewater - Makes no bad influence on membrane filter
TP-192	- Available for various waste water - Emulsion type, Well-dispersible in water



Dispersant for Water Treatment

Func.	Product Name	Feature
Dispersant for Water Treatment	SANCLEAN 1000	- Effective for calcium carbonate, calcium phosphate iron and zinc oxide
	SANCLEAN 3000L	- Effective for calcium carbonate, calcium phosphate iron and zinc oxide
	SANCLEAN 3000S	- Polyacrylate sodium based scale inhibitor
	SANCLEAN 3500	- Excellent scale inhibitor for industrial boiler / cooling water system, Stable in wide range of temperature
	SANCLEAN 5500	- Polyacrylate maleic sodium based increase heat conduction by preventing metal ion cohesion

Additive for other Industry

Func.	Product Name	Feature
Dispersant for Glass Polishing	GPD-8400	- Improve polishing efficiency by increasing dispersing performance
Grinding Agent	CGA-20	- Grinding agent for powder calcium carbonate (CaCO ₃) and cement - Higher grinding efficiency and uniformed particle size is available
	CGA-50	
Detergent builder	ANTION-503	- Improve cleaning power in detergent and makes no trouble in combined application with other surfactant
Defoamer for cleaning agent of rolling oil	ELEXEL DF-720	- Excellent defoaming performance for cleaning agent of rolling oil
Dispersant for Metal-working fluid	HW 5066	- Excellent dispersing performance for metal-working fluid - Good compatibility
Wetting agent for separator in Lithium-ion battery	SN-DEFOAMER 184	- Excellent wetting performance for separator in Lithium-ion battery
Textile Printing	COEXEL TH-550	- Excellent viscosity control with a little amount - Superior compatibility with various emulsion - Phenol, formaldehyde free type - If it is stored for long periods, it is stirred before use

Additive for CMP

Product Name	Application	Appearance	NV (%) 160 °C *20 min	Specific Gravity (at 25°C)	pH	Viscosity
ELEXEL DS-1000	Dispersant for CMP	Colorless liquid	40	1.15	6	150
ELEXEL DS-1000L	Dispersant for CMP	Colorless liquid	40	1.14	3	1,300
ELEXEL DS-1100	Dispersant for CMP	Colorless liquid	35	1.12	3	2,700

Product List

Preservative for various fields

Func.	Product Name	Chemical Structure	Specific Gravity	Viscosity	pH	Feature	Application
Preservative	HS-CIDE 115	Alcohol Base	1.08	7	11	- Preservative effective to alkaline condition - Good sterilizing effect and no heavy metals, odor.	Coating, Paper
	HS-CIDE 315	Alcohol Base	1.15	220	11.5	- Preservative effective to alkaline condition - Good sterilizing effect and no heavy metals, odor	Coating, Paper
	NOPCOCIDE SN-135S	CMIT + Organic bromine compounds	1.08	5	3	- Preservative applicable under acidic and slightly alkaline (pH 4~7) - Excellent sterilizing performance	Coating, Paper
	HS-PROCIDE 100S	CMIT + Organic bromine compounds	1.15	50	5 (1% Sol)	- Preservative applicable under acidic and slightly alkaline (pH 4~7) - Excellent sterilizing performance	Coating, Paper
	COEXEL CIDE-200	Triazine Base	1.1	10	10.5 (1% Sol)	- Low toxic preservative without heavy metals - Effective pH more 8	Coating, Cutting Oil
	COEXEL CIDE-420	BIT Base	1.13	90	8.5	- BIT type preservative - Powerful sterilizing performance prevents breeding bacteria and keep the products from going bad.	Coating, Paper, Cutting Oil

Antistatic Agent

Product Name	Application	Melting point(℃)	MFR [g/10min]	Refractive index	Surface Resistivity[Ω/sq.]	Adapted Thermoplastic Resin
PELECTRON PVL (Olefin base)	Pale Yellow Pellet	About 135	15 (190℃, 21.18N)	1.50	$3 \times 10_{-6}$	PP, LDPE, HIPS(sheet, film) (For Extrusion molding)
PELECTRON UC (Olefin base)	Pale Yellow Pellet	About 156	15 (190℃, 21.18N)	1.50	$6 \times 10_{-6}$	PC, PP, LDPE(sheet, film) (For Extrusion/ Injection molding)
PELECTRON PVH (Olefin base)	Pale Yellow Pellet	About 155	6 (215℃, 21.18N)	1.50	$3 \times 10_{-6}$	PP, LDPE, HIPS(sheet, film) (For Extrusion molding)
PELESTAT 230 (Olefin base)	Pale Yellow Pellet	About 160	14 (190℃, 21.18N)	1.50	$5 \times 10_{-7}$	PP, LDPE(sheet, film) (For Extrusion molding)
PELECTRON AS (Nylon base)	Pale Yellow Pellet	About 195	50 (215℃, 21.18N)	1.50	$2 \times 10_{-6}$	ABS, PC/ABS, PC, m-PPE (For Injection molding)
PELECTRON HS (Olefin base)	Pale Yellow Pellet	About 136	6 (215℃, 21.18N)	1.50	$4 \times 10_{-6}$	HIPS, ABS, PP (For Injection molding)
PELESTAT 6321 (Nylon base)	Pale Yellow Pellet	About 203	20 (215℃, 21.18N)	1.51	$1 \times 10_{-9}$	ABS, HIPS, PC/ABS (For Injection molding)



Product List

Viscosity Depressants for PVC Plastisol

Product Name	Application	VOC	Refractive index(at 25℃)	Specific Gravity(at 25℃)	Appearance	NV [%] 130℃ *45 min
DISPEXEL VC-7301	Low / Non Filler, Tarpaulin	VOC	1.447	0.82	Colorless liquid	50
DISPEXEL VC-7400	Medium Filler	VOC	1.454	0.83	Colorless liquid	90
DISPEXEL VC-7700	Medium Filler	Zero VOC	1.458	0.84	Colorless liquid	97
DISPEXEL VC-7700HW	Medium Filler Tarpaulin	Zero VOC	1.456	0.85	Light yellow liquid	97
DISPEXEL VC-7800	Highly Filler	Zero VOC	1.457	0.84	Light yellow liquid	97
DISPEXEL VC-7803	Medium Filler / in Non Phthalate type plasticizer	Zero VOC	1.454	0.86	Light yellow liquid	97
DISPEXEL VC-7804	Medium Filler / in Non Phthalate type plasticizer	Zero VOC	1.458	0.84	Light yellow liquid	97
DISPEXEL VC-7805	Highly Filler	Zero VOC	1.458	0.85	Light yellow liquid	97
DISPEXEL VC-7900	Medium Filler / in Non Phthalate type plasticizer	Zero VOC	1.464	0.86	Colorless liquid	97

Defoamer Additives for PVC Plastisol

Product Name	Composition	VOC	Specific Gravity(at 25℃)	Appearance	NV [%] 130℃ *45 min
DISPEXEL VC-6250	- Compound of polyoxyalkylene derivatives	VOC	1.1	Colorless liquid	
DISPEXEL VC-6350	- Low volatile aliphatic hydrocarbons - Polysiloxane Mixture	Zero VOC	0.87	Hazy yellow Liquid	97
DISPEXEL VC-6400	- Mixture of surface active substances with foam destroying properties	Zero VOC	0.97	Light yellow liquid	97

Leveling Agent for PVC Plastisol

Product Name	Composition	Feature
NOPCOPLUS LE-1045	Acrylate copolymer	- Decreasing surface tension, give excellent leveling property - Excellent wetting performance, Improve dispersing property

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