



F&C 
Friib Emulsions Chemie

AKTIENGESELLSCHAFT

Products

Acrylic Dispersions

Polyethylene Dispersions

Paraffin Dispersions

Sealant Coatings

Barrier Coatings

Primers

Dear customer,

Trüb Emulsions Chemie AG (later TEC) has always endeavored to offer our customers the best possible solution for each application. By that we mean not only the functionality of a product but also the advantages you get from a product that is custom-tailored for you, functionally and economically.

In this product overview you will find about 130 different standard formulations for a wide variety of applications. At TEC, however, we have 1350 different formulations and modifications of individual products.

We are always happy to work with you to formulate additional products in order to optimize them for you and your process.

Challenge us! We at TEC we will show that you have chosen the right partner.

Dominic Ph. Trüb

CEO & Member of the Managing Board

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Products

Acrylic Dispersions

Product name	Application	Basis	% Solids	pH	Ionicity	Remarks
TECRYL SA-243	Acrylic-styrene dispersion	Acrylic/styrene	49	8.5	A	
TECRYL PB-10	Barrier coating for paper and paper board	Modified acrylic monomers	48	8.5	A	Very good water vapor barrier and hold-out characteristics
TECRYL LR-4445	Binder	Acrylic monomers	45	8.0	A	Pure acrylate – Dispersion with good gloss and good adhesion on metal
TECRYL LR-2062	Binder for leather	Acrylic monomers	50	7	A	High gloss and good compatibility with other binders
TECRYL SE-2411	Binder for printing inks	Shellac/acrylic	40	7.5	None	Emulsifier-free system with good gloss
TECRYL SA-46	Calender lacquer	Acrylic/styrene	49	8.5	A	High gloss
TECRYL COR-17	Corrosion protection	Ethylene copolymer	20	9.0		Cross-linked ethylene copolymer – Dispersion with very good corrosion protection on metals and galvanized iron
TECRYL Zn-16	Cross-linker	Zinc oxides	16	9.8	None	For binder systems with free carboxylic groups
TECRYL Zr-20	Cross-linker	Zirconium carbonate	20	11	None	For binder systems with free carboxylic groups
TECRYL 252	Flexo and gravure inks	Acrylic monomers	49	8.0	A	Good adhesion on many films and foils
TECRYL SA-204	Flexo and gravure printing ink	Acrylic/styrene	50	8.2	A	Soft acrylic/styrene dispersion with good water resistance, gloss inks, coating for film
TECRYL RA-241	Flexo and tissue inks	Acrylic monomers	40	4.5	A	Alkali-soluble acrylic dispersion
TECRYL RA-70	Flexo inks	Acrylic monomers	40	5.5	A	Adhesion on films
TECRYL RA-71	Flexo inks	Acrylic monomers	40	3.5	A	High gloss, pigment dispersant
TECRYL RA-58	Flexo inks for pigments	Acrylic monomers	40	6	A	Good gloss, alkaline-soluble
TECRYL SA-263	Flexo, gravure inks	Acrylic/styrene	40	9.5	Anionic	Zink cross-linked binding agent for flexo and gravure printing inks, high-gloss, flexible OPV's
TECRYL SA-202	Flexo, gravure inks, OVP's	Acrylic/styrene	45	8.5	A	Medium hard acrylic/styrene dispersion for glossy flexo and gravure inks
TECRYL RA-205	Gloss flexo/gravure inks	Acrylic monomers	50	8.0	A	Soft acrylic dispersion with excellent adhesion properties
TECRYL RA-215	Gloss flexo/gravure inks	Acryl dispersion	50	8.0	N	Medium soft dispersion
TECRYL SA-206	Gloss flexo, gravure inks	Acrylic/styrene	47	8.0	A	Very soft dispersions with good flexibility and adhesion to pretreated foils, high gloss and good resistance to water

TECRYL 272	Hard and flexible	Acrylic/styrene	45	8.5	A	Good anti-caking properties; Modifying dispersion for film printing
TECRYL SA-255/34	Heat resistance lacquers	Acrylic monomers	44	9.0	A	Cross-linked with zinc, heat resistance ~230 °C
TECRYL SA-40	Heat resistant lacquer	Acrylic monomers	42	9.0	A	Cross-linked with zinc and with PE-wax for better slip
TECRYL SA-460	Heat seal coating	Acrylic/styrene/ethylene	45	8.0	A	Peelable heat seal coating
TECRYL SA-510	High gloss lacquer	Styrenes	49	8.0	A	Very hard dispersion with high gloss
TECRYL 274	High-gloss overprint varnish	Styrene/acrylic	40	8.5	A	Heat-seal-resistant and high gloss
TECRYL HG-50/L	High-gloss varnish	Modified acrylic monomers	48	9.5	A	Binder for high gloss coatings
TECRYL 4-X	Leather top coat	Acrylic monomers	40	7.5	N	High gloss and very hard
TECRYL AS-300	Let-down varnish for flexo	Acrylic monomers	42	7.5	N	High gloss, excellent printability
TECRYL SA-501	Modified styrene-acrylic dispersion		49	8.0	Anionic	
TECRYL SA-45	Overprint varnishes/OPV's	Modified styrene-acrylic dispersion	45	8.5	A	Very hard, low-cost styrene dispersion
TECRYL SA-62	Plastic coatings, anti corrosive primer	Acrylic/styrenes	42	8.0	A	Good metal adhesion, high gloss
TECRYL SA-26/20	Primer for aluminum foil	Acrylic/styrene	40	5.0	N	Heat resistant primer for printed inks on aluminum foil
TECRYL SA-26/4	Primer for aluminum foil	Acrylic/styrene	40	5.0	N	
TECRYL SA-4442	Primer for aluminum foil	Acrylic monomers	50	4.0	A	Very good wet properties
TECRYL SA-267	Primer for aluminum foils	Styrene/acrylic copolymers	38	9.0	A	Very good adhesion to aluminum, up to 240 °C heat-press resistant
TECRYL SA-205	Primer for film	Acrylic/styrene	47	8.0	A	Transparent film with gloss, good adhesion on pretreated foils, metallized foils and coated cardboard
TECRYL SA-348/2	Primer for films	Acrylic/styrene	50	2.0	A	Mixed with isocyanate, tropics-resistant primer for various foils
TECRYL 270	Primer for polyolefin films	Acrylic monomers	45	8.5	A	Inks on polyolefin films and laminating inks
TECRYL 254	Vacuum metallizing primer and OPV's	Acrylic monomers	45	8.5	A	Hard and glossy film for top coats
TECRYL SA-49	Very hard coating	Acrylic/styrene	40	4.0	A	Resin-free dispersion
TECRYL SA-212	Very high gloss OPV's	Styrene	45	8.5	A	Hard dispersion with high gloss for offset and gravure printing coatings

Polyethylene Dispersions

Product name	Application	Basis	% Solids	pH	Ionicity	Remarks
TECYLEN CF-30	Citrus fruit coating	Polyethylene wax	40	9.0	A	High solid material content
TECOL 06-22	Final cold coating agent	Polyethylene wax	25	8.5	N	For container glass with good grip and high gloss
TECOL 06-22/NEU	Final cold coating agent	Polyethylene wax	40	8.0	N	For container glass such as OG-22 but high solid material
TECYLEN 403-14	Fiberglass coating	Polypropylene wax	40	8.0	N	Polypropylene wax with low pH value
TECYLEN 405	Fiberglass coating	Polypropylene wax	40	8.0	N/C	Good adhesion to fiberglass
TECOL 06-25	Final cold coating agent	Polyethylene wax	25	9.5	N	For container glass and good wet scratch resistance
TECYLEN 242	Floor	Polyethylene copolymer	35	9.5	N	Very fine-particulate and transparent dispersion
TECYLEN VAS	Floor care	Polyethylene copolymer	35	7.5	N	Anti-slip
TECYLEN 359	Floor care/lubricant	Polyethylene wax	35	9.0	N	Polyethylene wax with a high melting point for a wide variety of applications
TECYLEN 101	Floor cleaning agent	Polyethylene wax	35	7.5	N	
TECYLEN 240	Floor cleaning agent	Polyethylene wax	35	8.5	N	Very hard polyethylene wax
TECYLEN 240/32	Floor cleaning agent Lubricant for lacquers	Polyethylene wax	32	9.5	N	Very hard PE wax, excellent abrasion and scratch resistance
TECYLEN 729	Heat-seal dispersion	Ethylene copolymers	40	9.0	A/N	Low-sealing
TECYLEN E-1040/7	Heat-seal dispersion	Ethylene copolymers	40	9.0	A	Very good adhesion to fiberglass, good water resistance
TECYLEN E-1040/6	Heat-seal dispersion, fiberglass coating	Ethylene copolymers	35	9.0	N	Good adhesion to fiberglass, non-caking
TECYLEN 209	Hydrophobizing agent	Copolymer/wax	30	9.5	A	Emulsifier-free wax dispersion
TECYLEN 229	Hydrophobizing agent	Copolymer/wax	20	9.5	N	Emulsifier-free dispersion
TECYLEN 240/FDA	Lubricant	Polyethylene wax	32	8.5	N	Polyethylene dispersion with FDA approval
TECYLEN 290	Lubricant	Montan wax	30	7.0	N	Good gloss and good lubrication characteristics
TECYLEN 335	Lubricant	Polyethylene wax	35	8.5	N	For lacquers and floor care, polyethylene wax with a high melting point

TECYLEN 361/1	Lubricant	Polyethylene wax	32	8.0	N	Polyethylene wax with a high melting point with low SZ
TECYLEN C-40	Lubricant	Polyethylene wax	36	7.0	N	Alkali-free
TECYLEN F-16	Lubricant	Polyethylene wax	40	9.0	N	Wax mixture with very low SZ
TECYLEN 137	Lubricant for lacquers	Polyethylene wax	35	8.0	N	Good lubricating properties
TECYLEN 206	Lubricant for lacquers	Waxes	32	6.5	N	Low-cost lubricant, hydrophobizing
TECYLEN F-40/S	Lubricant for lacquers	Modified polyethylene	40	7.0	N	Very good lubrication characteristics
TECYLEN F-52/32	Lubricant for lacquers	Polyethylene wax	32	8.0	N	Good gloss and good slip
TECYLEN 205	Lubricant for lacquers and foils	Polyethylene wax	32	6.5	N	Dispersion with high gloss and good compatibility
TECYLEN 24/37	Lubricant for lacquers and paints	Polyethylene wax	55	9.5	N	Provides better abrasion characteristics in lacquers High solid material
TECYLEN F-40/50	Lubricant for lacquers, printing inks	Polyethylene wax	50	7.0	N	Hard PE wax, with high solid material content and low pH value
TECYLEN 228	Lubricant/nonstick agent	Copolymer/wax	35	8.5	N	Contains silicone
TECYLEN 434	Nonstick agent	Copolymer/wax	40	9.0	N	High softening point of the copolymer
TECYLEN F-18	Paints and printing inks	Polyethylene wax	40	6.0	N	Dries matt
TECYLEN F-16/50	Printing inks/overprint varnishes	Polyethylene wax	40	8.0	N/A	Hard high-molecular PE, low viscosity and with high solid material content
TECYLEN 201	Softening agent for textiles	Polyethylene wax	40	8.5	N	Softener for melamine resin
TECYLEN 201/2	Softening agent for textiles	Polyethylene wax	40	8.5	N	Softener for melamine resin, softer than 201
TECYLEN 102/7	Various applications	Paraffin/polyethylene	40	7.5	N	Polyethylene dispersion with good hydrophobizing

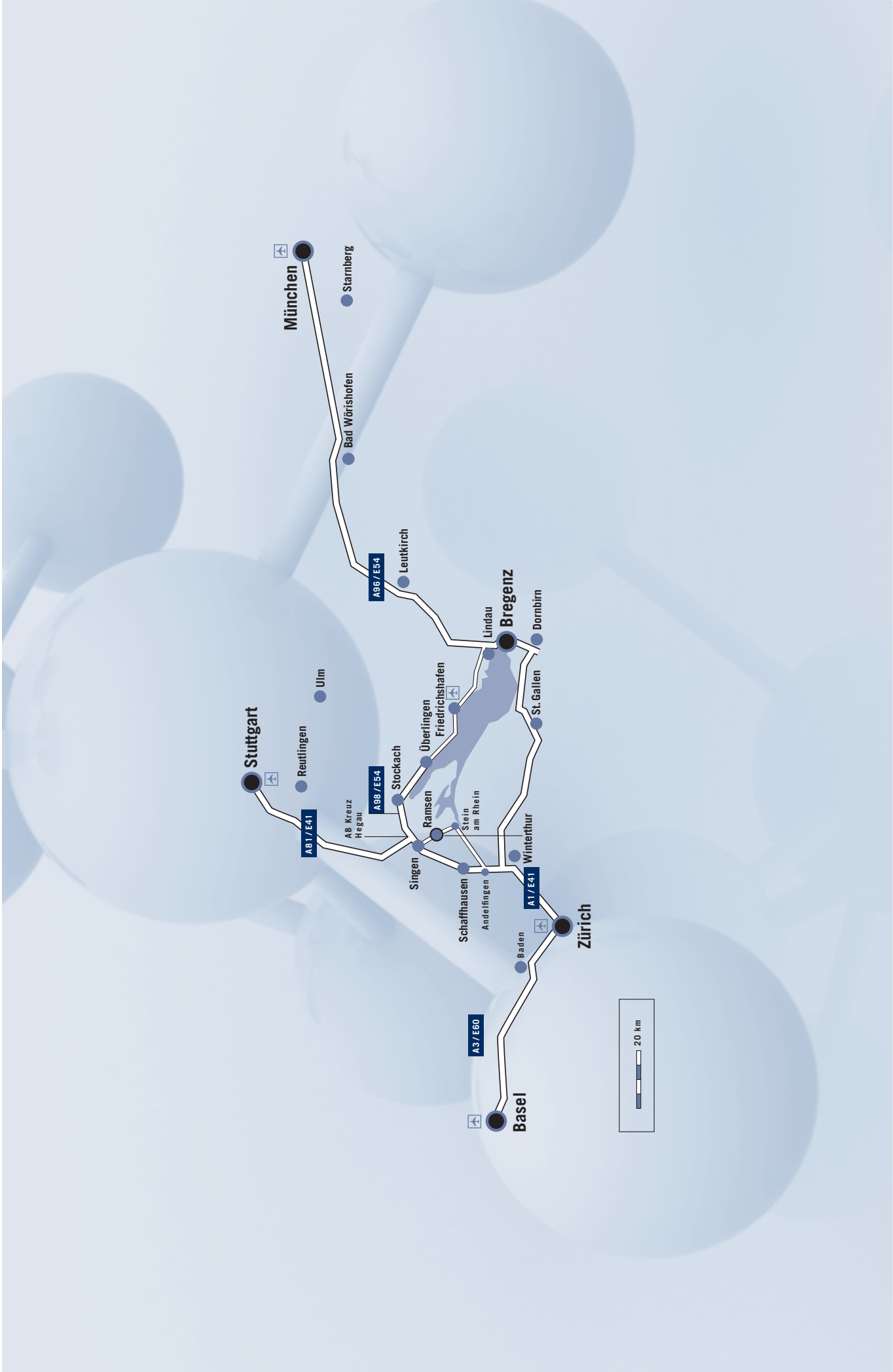
Sealant Coatings

Product name	Application	Basis	% Solids	pH	Ionicity	Remarks
TECSEAL E-712	Adhesive primer for aluminum foils, nonferrous metal foils/glass heat-seal dispersion	Ethylene acrylic acid copolymers	25	8.5	A	Very good resistance to water and fats; Adheres to all metals, cardboard, and paper, as well as PE foils; Water vapor barrier for cardboard + paper
TECSEAL E-760	Barrier coating	Copolymer/wax	35	8.5	A	With good water pearling effect
TECSEAL E-766-50	Barrier coating	Ethylene copolymers/wax	50		N	Also available with filler material
TECSEAL E-787/50	Barrier coating	Ethylene copolymers	50	8.5	A	Good hold-out
TECSEAL E-787	Barrier coating, heat seal coating	Ethylene copolymers/wax	50	8.0	A	Good adhesion to aluminum and paper, good barrier and heat-seal properties
TECSEAL E-799/45	Barrier coating, heat seal coating	Ethylene-acrylic acid	45	8.5	A	High solid material; for paper and cardboard
TECSEAL E-799/35	Barrier coating, heat seal coating with low sealing temperature ~ 80°C	Ethylene-acrylic acid	35	8.2	A	Very good adhesion to aluminum (primer); For water vapor barrier on paper and cardboard; Can be filled up with 50–60 % filler
TECSEAL PX - 9	Cationic primer	1.1.0	C			Primer for extrusion on paper
TECSEAL E-800	Heat seal coating	Ethylene-metacrylic acid ionomer	30	9.5	A	Low-sealing heat-seal lacquer against PE
TECSEAL E-900	Heat seal coating	Ethylene/terpolymer	35	8.5	A	Good adhesion to aluminum and paper
TECSEAL E-902-50	Heat seal coating	Ethylene/terpolymer	50	7.5	A	Good adhesion to aluminum and paper
TECSEAL E-902/30	Heat seal coating	Ethylene/terpolymer	30	7.7	A	Good adhesion to aluminum and paper, resistant to oils and fats, seals against PS
TECSEAL E-904/40	Heat seal coating	Ethylene/terpolymer	40	8.5	A	Good adhesion to aluminum, seals against PS and PVC
TECSEAL E-905	Heat seal coating	Ethylene/terpolymer	35	8.5	A	Good adhesion to aluminum and paper
TECSEAL E-906	Heat seal coating	Ethylene terpolymerdispersion	35	8.5	A	Good adhesion to aluminum and paper, resistant to oils and fats, seals against PS and PVC
TECSEAL E-906/35	Heat seal coating	Ethylene terpolymerdispersion	35	8.2	A	Good adhesion to aluminum and good sealing characteristics against PS and PVC
TECSEAL E-712/N	Heat-seal dispersion	Ethylene copolymers	30		A	Similar to E-712, ammonia-free and better anti-caking properties
TECSEAL E-805/5	Heat-seal dispersion with lubricant	Ionomer from ethylene-metacrylic acid	30	9.5	A	Similar to E-805 with better lubricating and caking characteristics
TECSEAL E-428/40	Heat sealer for textile and foil coating	Modified polyesters	35	8.5	A	Modified polyester, washable, acid/alkali-resistant
TECSEAL E-430	Heat sealer for textile and foil coating	Modified polyesters	35	9.0	A	Good caking resistance
TECSEAL E-721-NEU	Heat-seal dispersion	Ethylene-acrylic acid	35	9.0	A/N	Low-sealing against EAA and cellulose

TECSEAL A-105/4-KS	Heat-seal dispersion	Modified acrylic dispersion	47	8.5	A	Low-sealing against NC lacquers
TECSEAL A-42	Heat-seal dispersion	Modified acrylic dispersion	50	6.0	A/N	Seals against NC lacquers
TECSEAL E-1101	Heat-seal dispersion	Ethylene copolymers	32	9.5	A	Heat sealer and adhesive against polypropylene
TECSEAL E-1101/50	Heat-seal dispersion	Ethylene copolymers	36	9.5	A	Peelable sealing against polyethylene
TECSEAL E-500	Heat-seal dispersion	Polyethylene resins	50	9.0	A	Low-sealing against
TECSEAL E-712/I	Heat-seal dispersion	Ethylene copolymers	25	8.0	A	Good resistance to oils and fats
TECSEAL E-805	Heat-seal dispersion against PE with good hot tack	Ethylene-metacrylic acid ionomer	30	9.5	A	Very good resistance to water, oils, and fats; Sealing against PE, all metals as well as cardboard and paper; Against PE with good hot tack
TECSEAL E-703	Heat-seal dispersion for aluminum/NC lacquer	Modified ethylene copolymers	40	9.0	N	Low-sealing, without tearing fibers on paper
TECSEAL E-752	Primer for PE extrusion	Ethylene copolymers	35	8.5	A	Resin with low melting point
TECSEAL E-1101/B	Primer for PP	Ethylene copolymers	32	9.0	A	Good wetting properties on polypropylene
TECSEAL AL 35-50	Wet-lamination adhesive	Synthetic latex dispersions	46	7.5	A/N	Laminating adhesive for cigarette foils; Not waterproof, can be separated easily with water
TECSEAL AL 36-23	Wet-lamination adhesive	Synthetic latex dispersions	35	9.5	A/N	Contains casein
TECSEAL AL 36-40	Wet-lamination adhesive	Synthetic latex dispersions	40	8.5	A/N	Contains casein, good heat-press resistance
TECSEAL AL 36-42	Wet-lamination adhesive	Synthetic latex dispersions	40	9.0	A/N	Casein-free adhesives, good heat-press resistance
TECSEAL AL-40	Wet-lamination adhesive	Synthetic latex dispersions	46	9.0	A/N	Laminating adhesive with good water resistance
TECSEAL AL-48	Wet-lamination adhesive	Synthetic latex dispersions	48	8.5	A/N	High solid material, viscosity adjustable
TECSEAL AL-48/2	Wet-lamination adhesive	Synthetic latex dispersions	48	8.5	A/N	High solid material and high viscosity
TECSEAL AL-48/4	Wet-lamination adhesive	Synthetic latex dispersions	48	8.0	A/N	Pure acrylic basis
TECSEAL AL-50	Wet-lamination adhesive	Synthetic latex dispersions	50	7.0	A/N	High solid material, medium viscosity
TECSEAL AL-51	Wet-lamination adhesive	Synthetic latex dispersions	40	8.5	A/N	Very low odor
TECSEAL AL-52	Wet-lamination adhesive	Synthetic latex dispersions	53	6.5	A/N	Very high solid material and low viscosity
TECSEAL AL52/2	Wet-lamination adhesive	Synthetic latex dispersions	57	8.0	A/N	Extremely high solid material content
TECSEAL AL-492/B	Wet-lamination adhesive with barrier characteristics	Synthetic latex dispersions	45	X	A/N	Suitable for absorbent papers

Paraffin Emulsions

Product name	Application	Basis	% Solids	pH	Ionicity	Remarks
TECSLIDE 60	Concrete curing	Paraffin waxes	18-60	8.5	N/A	Produced in various concentrations
TECOL FP-55	Hydrophobizing agent	Paraffin waxes	55	10.0	A	For use in wood materials, construction materials
TECOL FP-60	Hydrophobizing agent	Paraffin waxes	60	9.0	A	For use in wood materials, construction materials
TECOL FC-60	Hydrophobizing agent for fiberboard	Paraffin waxes	60	6.0	C	
TECOL SP-60/E	Hydrophobizing agent for fiberboard	Paraffin waxes	45	7.0	A	Widest variety of qualities with all available paraffin qualities, anionic emulsifier
TECOL SP-60/PH	Hydrophobizing agent for fiberboard	Paraffin waxes	60	9.0	A	Phenolic-resin-compatible
TECOL P-21	Lubricant for paper	Waxes	30		A	Very stable in aqueous dispersions, good gloss
TECOL P-26	Lubricant for paper	Waxes	50		N/A	Very good hydrophobizing
TECOL P-27	Lubricant for paper	Waxes	45		N	Low-cost lubricant, with good compatibility
TECOL P-31	Lubricant for paper	Waxes	20	6.5	N	Non-ionogenic wax dispersion with high gloss
TECOL P-32	Lubricant for paper	Waxes	32		N	
TECOL P-30	Nonstick agent for paper	Waxes	40		N	Very fine-particulate paraffin emulsion
TECOL P-45	Paraffin emulsion, non-ionogenic with high melting point	Waxes	45	7.0	A	Improves the gloss in paper-brushing lacquers, can be mixed with calcium stearate



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