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CASEIN. NATURAL GLOSSES

General properties

When we wish to obtain natural appearance .

When we need to obtain transparency and high gloss.

Smooth feel, warmth and natural feel.

They can be ironed at high temperature.

They are the base of polishable finishings.

Special for vegetable tanned leathers and shoe finishing.

Product	Chemical composition	Film Hardness	% A.M.	pH	Appearance	General properties
SERBRILL BB	Modified Casein.	Soft-Elastic	18±1	9,0±0,5	Yellowish semi fluid liquid.	Thermoplastic and glazed
SERBRILL BBW	Modified Casein with wax.	Soft	13±1	8,5±0,5	Yellowish semi fluid liquid.	Natural finishing.
SERBRILL BHV	Modified Casein with wax.	Medium soft	10±1	8,5±0,5	Yellowish semi fluid liquid.	Natural finishing. Shoe finishing
SERBRILL ZB-21	Modified Casein with wax.	Hard. Crystalline	13,5±1	8,5±1,0	Yellowish semi fluid liquid.	Natural finishing. Shoe finishing

FILLERS, COVERAGE, MATTING AGENTS

General properties

They are used in ground compositions to improve the leathers grading due for their coverage.

Improve the finishes covering.

Give matting effect, opacity or crack/breaking effect.

Excellent results are achieved in corrected grain, vulcanised split, hides having superficial scratches.

When we need to decrease the thermoplastic effect.

They improve the embossing film properties due to their hardness.

Product	Chemical composition	Film Hardness	% A.M.	pH	Appearance	General properties
SERBRILL F-25	Filler based in inorganic charges	Hard-Dense	20±2	8,5±1,0	Whitish or yellowish viscous liquid.	Aqueous
SERBRILL F-50	Filler based in inorganic charges	Hard-Dense	42±2	8,5±1,0	Whitish or yellowish viscous liquid.	Aqueous
SERMAT W-30	Filler and matting agent based in organic charges	Hard-Light weight	9±0,5	7,5±0,5	Whitish viscous liquid.	Aqueous
SERMAT LS-31	Matting agent based in organic charges.	Hard-Dense	21±2	NA	Yellowish viscous liquid.	Solvent base

WAXES

General Properties

Warm/waxy/smooth touching. Natural appearance of finishing.

Grounding. Filling.

Polishable. Gloss and transparency.

Especial Effects.

To reduce films plasticity.

Shoe finishing.

All the waxes in this range are non-ionic.

Product	Chemical composition	Film Hardness	% A.M.	pH	Appearance	General properties
SERBRILL W-38-C	Carnauba	Hard	38±2	4,0±0,5	Whitish-yellowish fluid liquid.	Natural effect. Shoe shine
SERBRILL W-38	Carnauba	Hard	20±2	7,5±1,0	Whitish-yellowish fluid liquid.	Natural effect. Shoe shine
SERBRILL W-52	Synthetic-Ester	Medium	17±1	5,0±1,0	Whitish-yellowish fluid liquid.	Burning effect in vegetable leather
SERBRILL W-53	Paraffin base	Soft	20±2	8,5±0,5	White fluid liquid.	Grounding, Filling. Reduce sticking during ironing.
SERBRILL W-58/B	Special	Medium	15±1	8,5±1,0	White viscous fluid liquid.	Snow wax. Strong whiteness effect
SERBRILL W-61	Soft wax and fats emulsion	Soft. Warm-waxy feel.	13±0,5	7,0±0,5	White viscous fluid liquid.	Warm silky feel. Special for napa garment.
SERBRILL W-63	Polyethylene	Very Hard. Cristal	17,5±1	9,0±1,0	Yellowish viscous fluid liquid.	Cristal article. Glazing. Shine
SERBRILL W-74	Paraffin	Soft	40±1	6,5±0,5	White fluid liquid.	Light pull-up. Timber. Grounding. Filling. Reduce sticking during ironing.
SERBRILL W-95	Synthetic	Medium-Soft	15±2	8,0±0,5	White fluid liquid.	Polishing-burning effect on chrome-tanned leathers.

ACRYLIC RESINS

General properties

Used when we are interested in to increase the flexometries of finishing articles.

Offers a good covertures.

To increase the wet rub fastness of natural finishing's based in was and casein.

Product	Film Hardness	% A.M.	pH	Appearance	General properties
SERCRYL A-222	Medium	20±1	8,0±1,0	Opalescent white fluid liquid.	Universal use. Grounding. Good Embossing properties.
SERCRYL A-222-C	Medium	35±1	7,0±1,0	Opalescent white fluid liquid.	Universal use. Grounding. Good Embossing properties.
SERCRYL A-225	Medium	25±1	8,0±0,5	Opalescent white fluid liquid.	Universal use. Grounding. Good Embossing properties.
SERCRYL A-400	Extra-Very-Hard	45±2	3,5±1,0	White fluid liquid.	Crack-break film. Crack-break articles in combination with A-410.
SERCRYL A-410	Very-Hard	40±1	7,0±1,0	White fluid liquid.	Crack-break film. To harder films. Crack-break articles in combination with A-400.
SERCRYL A-450	Very soft	20±1	9,0±1,0	Yellowish fluid liquid.	Anchorage. Light films. Enhances penetration and anchorage of ground coats.
SERCRYL A-452	Soft	8±1	8,0±0,5	Yellowish transparent fluid liquid.	Very light film. Light film and natural finishing. Nappa
SERCRYL A-460	Medium-Soft	40±1	3,0±0,5	White fluid liquid.	Universal use. Good coverage. Grounding. Good filming properties
SERCRYL A-470	Soft	39±2	4,0±1,0	White fluid liquid.	Light film . Nappa Garment
SERCRYL A-490	Medium-Soft	37±2	8,0±1,0	Yellowish fluid liquid.	Universal use. Good gloss. Ground coat. Shoe finishing
SERCRYL A-491	Medium	36±1	7,5±0,5	White fluid liquid.	High coverage. Excellent film forming. Corrected grain/Split finishing
SERCRYL E-150	Hard	30±1	3,0±1,0	White fluid liquid.	Thickener by alkaline. To change finishing viscosity.

IMPREGNATION

General properties

Micro-particle resins used in order to improve the looseness and grain break of crust leathers (specially cow and buffalo).

To prepare the leather for grounding and general finishing.

To improve the anchorage of ground coats or to regulate the penetration of finishings.

All resins are very soft and don't give harder leather.

Good buffing behaviour.

We get smooth, very full and compacted grain.

Product	Chemical composition	Film Hardness	% A.M.	pH	Appearance	General properties
SERCRYL A-450	Acrylic resin	Very soft	20±1	9,0±1,0	Yellowish fluid liquid.	Anchorage. Light films. Enhances penetration and anchorage of ground coats.
SERCRYL A-459	Acrylic resin	Very soft	35±2	8,0±1,0	Whitish fluid liquid.	Impregnation. Full or corrected grain. Very high penetration even in full grain
SERCRYL A-470	Acrylic resin	Soft	39±2	4,0±1,0	White fluid liquid.	Light film . Nappa Garment
SERCRYL PU-304	0	Soft. Tacking	20±1	7,0±0,5	Colourless fluid liquid.	To increase anchorage to all kind of finishings. High penetration. Special for anchorage in waterproofing articles.
PENTSER 05	Solvent, water and additives.	-	28±2	6,0±0,5	Yellowish fluid liquid.	Standard penetrator. Special for finishes.
PENTSER 06	Solvent, water and additives.	-	56±1	9,5±1,0	Colourless fluid liquid.	All kind of needs. Strong penetrator.
PENTSER 06-N	Solvent, water and additives.	-	15±1	6,0±0,5	Colourless fluid liquid.	Special for finishes. Economical penetrator.
PENTSER 08	Solvent	-	100	6,0±0,5	Colourless fluid liquid.	Special for impregnation and anilines. Strong penetrator.

PU-RESIN

General Properties

Used to increase the flexometries of finishing coats. Good coverage.

To increase the Rub fastness and wet resistance.

To increase the cold-crack film at low temperature.

To increase the Solvent resistance.

Prduct	Appearance	% A.M.	pH	Film Hardness	General properties
SERCRYL PU-3	Non-Elastic	35±1	8,0±0,5	Semi-transparent dense liquid.	Top-Coat. High Gloss. Excellent light fastness. Nitro-lacquer substitution. Excellent rubbing fastness.
SERCRYL PU-301	Very-Elastic	40±2	7,5±0,5	Milky fluid liquid.	Standard PU. Grounding. All articles. Excellent printing properties and coverage.
SERCRYL PU-303	Elastic-Back	40±2	7,2±0,5	Whitefluid liquid.	High film recovery. Excellent for any finishings. High solvent resistance.
SERCRYL PU-304	Soft. Tacking	20±1	7,0±0,5	Colourless fluid liquid.	To increase anchorage to all kind of finishings. High penetration. Special for anchorage in waterproofing articles.
SERCRYL PU-323	Elastic-Back	20±2	6,5±1,0	White fluid liquid.	High film recuperation. Excellent for any finishing. High solvents resistance.
SERCRYL PU-345	Elastic	35±1	7,0±1,0	Colourless viscous liquid.	Top-Coat. Glossy Patent. High film. Very high gloss.
SERCRYL PU-351	Very-Elastic	20±1	7,5±0,5	White fluid liquid.	Standard PU. Grounding. All articles. Excellent printing properties and coverage.
SERCRYL PU-M2	Medium-Elastic	23±1	7,5±0,5	White fluid liquid.	Matt PU. High physical and chemical fastness. All articles and special for upholstery. Final top also. Pleasant feel.
SERLASTIC KI-25	Very Elastic	6±0,5	NA	Transparent colourless fluid liquid.	Solvent PU. Glossy. High gloss. Nitro-lacquer substitution.

ESPECIAL RESINS

General properties

To be used as sole resin, adding pigment and lacquers.

The film characteristics can be modified by adding other products.

Giving the coverage, anchorage, elasticity and adequated touching according the requirements of article.

Product	Film Hardness	% A.M.	pH	Appearance	General properties
SERCRYL R-28	Elastic. Good touching	14±1	8,0±0,5	Whitish-yellowish viscous Liquid.	Good-light coverage. Good feel. Garment nappa. Double face.
SERCRYL A-102	Medium-elastic-hard	25±1	7,0±0,5	Whitish-yellowish viscous Liquid.	Very good coverage. No plasticity. Lining. Shoes.
SERCRYL AFR	Elastic	22±1	7,0±0,5	Whitish-yellowish viscous Liquid.	Very Good coverage. Good embossing properties. Shoes. Leather goods, furniture. Upholstery.
SERCRYL AFC	Elastic	18±1	7,5±0,5	Whitish-yellowish viscous Liquid.	Very Good coverage. Good embossing properties. Shoes. Leather goods, furniture. Upholstery.
SERCRYL ALX	Medium-elastic-soft	23±1	8,5±0,5	Whitish fluid liquid.	Good coverage. Shoes. Leather goods.
SERCRYL A-491	Medium	36±1	7,5±0,5	White fluid liquid.	High coverage. Excellent film forming. Corrected grain/Split finishing

LAMINATION

General properties

Special adhesives and auxiliaries for paper-film and other film material

Different adhesion power and resistances.

Good fixations on films.

Product	Film Hardness	% A.M.	pH	Appearance	General properties
SERCRYL A-460	Medium-Soft	40±1	3,0±0,5	White fluid liquid.	Universal use. Good coverage. Grounding. Good filming properties
SERCRYL KPO	Medium-Soft	27±1	7,5±1,0	White fluid liquid.	Strong adhesive. Good water resistance
SERCRYL KP	Medium-Soft	49±1	7,0±1,0	White fluid liquid.	Very strong adhesive. Water and solvent resistance.
SERLAC LS-L	Special for lamination	10±1	NA	Colourless fluid liquid.	Non-coloured special lacquer for aniline effects. To fix anilines on metal-papers.
SERANIL	Anilines.	-	-	Fluid liquid. Several colours	Aniline range of colors for special effects. Special anilines for film coloration

LACQUERS. AQUEOUS BASE

General Properties

High and natural gloss.

Good Rubber fastness.

Good film fixation.

For intermediate layers and final tops.

To improve the rub fastness water base lacquers can be reticulated with our Fix-Top RI.

Product	Film	Hardness	% A.M.	pH	Appearance	General properties
SERLAC LW-2	High gloss	High gloss	20±2	8,0±0,5	Viscous liquid yellowish	Special rubbing fastness. Shoe upper. Leather goods.
SERLAC LW-5	High gloss	High gloss	14±1	8,0±0,5	White emulsion	Good rubbing fastness. Shoe upper. Leather goods.
SERLAC LW-37	Standard gloss	Standard gloss	11±1	8,0±0,5	White emulsion	Natural feel. Nappa. Garments. Upholstery.
SERLAC LW-5M	Matt lacquer	Matt lacquer	16±1	8,0±0,5	White emulsion	Good rubbing fastness. Shoe upper. Leather goods. Upholstery
SERLAC LW-MT	Matt lacquer	Matt lacquer	11,5±1	8,0±0,5	White emulsion	Natural feel. Nappa. Garments. Upholstery.
SERLAC LWN-55	Black lacquer	Black lacquer	12±1	8,0±0,5	Black emulsion	Natural feel. All black finishings.
SERLAC LWN-57	Black lacquer	Black lacquer	15±1	8,0±0,5	Black emulsion	Deep black. All black finishings.
SERLAC SW-H	Biphasic lacquer	Biphasic lacquer	24±2	7,0±1,0	Dark yellow solution	High rubbing fastness. All kind of finishing. Water and solvent soluble. Low flammability.
FIX-TOP RI	Cross-linking	Cross-linking	100	NA	Transparent to yellowish	Cross-linking. To improve dry and wet rubbing fastness

LACQUERS. SOLVENT BASE

General Properties

High and natural gloss.

Rubber fastness.

Good film fixation. Quick drying.

Product	Chemical composition	Use	% A.M.	pH	Appearance	General properties
SERLAC LS-1	Non-Coloured nitrocellulose	To be Diluted with solvent	14±1	NA	Transparent yellowish fluid viscous.	All kind of articles. Very good when mixed with nacarous pigments.
SERLAC LS-21	Non-Coloured nitrocellulose. Low viscosity	Ready to use.	12±1	NA	Transparent yellowish fluid liquid.	All kind of articles. Shoe finishings
SERLAC LS-25	Non-Coloured nitrocellulose. Very low viscosity	Ready to use.	11,5±1	NA	Transparent yellowish fluid viscous.	All kind of articles. Shoe finishings
SERLAC LSN-17	Black nitrocellulose	To be Diluted with solvent	15±1	NA	Black fluid liquid.	All kind of black articles. Black-reddish tone
SERLAC BLACK SB	Black nitrocellulose	To be Diluted with solvent	14±1	NA	Black fluid liquid.	All kind of black articles. Black-bluish tone
SERLAC IG-15	Non oxidable Acetobutirato	To be Diluted with solvent	15,5±1	NA	Colourless fluid liquid transparent.	White leathers.
SERLAC IG-18	Non oxidable Acetobutirato	Ready to use	9±1	NA	Colourless fluid liquid transparent.	White leathers. Ready to use. Shoe finishings.
SERLAC LSB-488	White Acetobutirato	To be Diluted with solvent	18±1	NA	White fluid viscous.	All kind of white articles.
SERLASTIK KI-25	Non oxidable PU	Ready to use	6±0,5	NA	Colourless fluid liquid transparent.	Special articles. Gloss.

WATERPROOFING-WATER REPELLANCY

General Properties

To be applied in suede, no buck, split and full grain.

To stop/reduce some finishing penetration.

Do not form film.

Pleasant touching.

Product	Chemical composition	Solution	% A.M.	pH	Appearance	Aplication
REPELANT ZW6/D	Water base	Dilutable with Water	3±1	6,0±1,0	Whitish fluid liquid.	Applied by spry-gun with or without dilution.
REPELANT Z-36	Solvent base	Dilutable with Butyl Acetate	8,5±0,5	NA	Colourless fluid liquid transparent.	Applied by spry-gun with or without dilution.



SPECIAL FINISHING OILS AND FATS

General Properties

Strong effect Pull-up oils.

Conferees smooth surface feel and some water-repellence.

Polishable.

To be used in all kind of leather, specially in corrected, full grain, timbers, full vegetable leather... greased articles.

You can get different articles when mixed with waxes.

Applied by gun (when diluted) or directly by airless or roller (diluted or without dilution).

After use SA-3 and SA-4 machinery is easily cleaned with water.

Product	Solution	% A.M.	pH	Appearance	General properties
SERGRAS SA-3	Water soluble	100	7,5±0,5	Yellowish fluid liquid.	Soft-oil feel. Can be mixed with wax emulsions.
SERGRAS SA-4	Oily-Greasy feel.	100	7,5±0,5	Brown liquid semi-viscous.	Oily-greasy feel. Can be mixed with wax emulsions. Little or none darkening effect.
SERGRAS 4000	Solvent-soluble.	100	NA	Yellowish fluid liquid.	Excellent feel. Excellent filming effect. Finished leather appearance with just one product.
SERGRAS 4700	Solvent-soluble.	100	NA	Yellowish fluid liquid.	Dry feel. Pull-up oil.
SERGRAS 4800	Solvent-soluble.	100	NA	Yellowish fluid liquid.	Medium-dry feel. Pull-up oil.
SERGRAS 4900	Solvent-soluble.	100	NA	Yellowish fluid liquid.	Medium-greasy feel. Pull-up oil. Water repellence.
SERGRAS 5000	Solvent-soluble.	100	NA	Fluid semi-viscous dark brown	Greasy-Touch. Pull-up oil. Touching. Water repellency.
SERGRAS 5100	Solvent-soluble.	100	NA	Brown liquid semi-viscous.	Greasy-feel. Pull-up oil. Water repellency.

PENETRATORS

General Properties

When we need to improve the penetration of ground finishing.

To dilute impregnation resins.

Product	Appearance	% A.M.	pH	General properties
PENTSER 04-S	Yellowish fluid liquid.	100	6,0±0,5	Special to improve Seranil dilution and penetration
PENTSER 05	Yellowish fluid liquid.	28±2	6,0±0,5	Standard penetrator. Special for finishes.
PENTSER 06	Colourless fluid liquid.	56±1	9,5±1,0	All kind of needs. Strong penetrator.
PENTSER 06-N	Colourless fluid liquid.	15±1	6,0±0,5	Special for finishes. Economical penetrator.
PENTSER 08	Colourless fluid liquid.	100	6,0±0,5	Special for impregnation and anilines. Strong penetrator.

FEELING AGENTS

General Properties

To improve and change the feeling and touching on finishings.

To avoid the dry feel, plastic feel or tackiness.

To improve the wet and dry rub fastness.

To be used in final tops of resin or lacquer (solvent-emulsion).

Product	Chemical composition	Feeling	% A.M.	pH	Appearance	General properties
SERBRILL W-61	Soft wax and fats emulsion	Soft. Warm-waxy feel.	13±0,5	7,0±0,5	White viscous fluid liquid.	Warm silky feel. Special for napa garment.
SERGRAS SA-4	Fats mix. Dilutable with water	Oily-Greasy feel.	100	7,5±0,5	Brown liquid semi-viscous.	Oily-greasy feel. Can be mixed with wax emulsions. Little or none darking effect.
SERTACK W-1	Silicone and fats emulsion	Greasy-slippery feel	x	8,0±1,0	White fluid liquid.	To be mixed with lacquer emulsions. Special for garments and double face
SERTACK W-47	Silicone emulsion	Slippery feel	26±1	7,0±1,0	White fluid liquid.	To be mixed with lacquer emulsions.
SERTACK W-50	Silicone emulsion	Slippery-light greasy feel	21±1	8,0±0,5	White fluid liquid.	To be mixed with lacquer emulsions.
SERTACK W-125	Silicone and fats emulsion	Slippery-light waxy feel	8,5±0,5	6,0±0,5	White fluid liquid.	To be mixed with lacquer emulsions. Special for garments and double face
SERTACK S-111	Solvent silicone	Slippery feel	25±1	NA	Colourless fluid liquid.	To be mixed with solvent lacquers.
SERTACK S-112	Solvent silicone	Slippery-light greasy feel	17±1	NA	Colourless fluid liquid.	To be mixed with solvent lacquers.

CATIONIC

General Properties

To obtain very good filling effect and opacity.

Cationic products reduce the leather surface absorption and improve the break of finishing.

They are polishable and gazable.

Give warm and waxy feel.

Product	Chemical composition	Film hardness	% A.M.	pH	Appearance	General properties
SERBROUND K-4	Cationic ground	Soft	20±2	3,5±0,5	Whitish fluid liquid.	Grounding base, feel. Coverture
SERGROUND K-UN	Cationic ground	Medium-soft	15±1	3,5±0,5	Whitish fluid liquid.	Grounding base, feel. Coverture
SERBROUND K-UP	Cationic ground	Medium-soft	13±1	3,5±0,5	Whitish fluid liquid.	Grounding base, feel. Light Coverture, Light cationic.
SERCRYL PU-AK	PU resin	Soft	20±1	5,0±1,0	Whitish fluid liquid.	Grounding base, feel. Coverture
SERBRILL W-38-C	Carnauba	Hard	38±2	4,0±0,5	Whitish-yellowish fluid liquid.	Natural effect. Shoe shine
SERBRILL W-38	Carnauba	Hard	20±2	7,5±1,0	Whitish-yellowish fluid liquid.	Natural effect. Shoe shine
SERBRILL W-52	Synthetic-Ester	Medium	17±1	5,0±1,0	Whitish-yellowish fluid liquid.	Burning effect in vegetable leather
SERBRILL W-53	Paraffin base	Soft	20±2	8,5±0,5	White fluid liquid.	Grounding, Filling. Reduce sticking during ironing.
SERBRILL W-61	Soft wax and fats emulsion	Soft. Warm-waxy feel.	13±0,5	7,0±0,5	White viscous fluid liquid.	Warm silky feel. Special for napa garment.
SERBRILL W-63	Polyethylene	Very Hard. Cristal	17,5±1	9,0±1,0	Yellowish viscous fluid liquid.	Cristal article. Glazing. Shine
SERBRILL W-74	Paraffin	Soft	40±1	6,5±0,5	White fluid liquid.	Light pull-up. Timber. Grounding. Filling. Reduce sticking during ironing.

CAPAFIN PIGMENTS

General Properties

Water based pigment micro-dispersions.

All our Capafin Pigments are METAL FREE.

No casein containing.

Light-Clean colours.

Containing small quantities of charges.

Semi-transparent pigment. Fillers can be added in order to increase the opacity.

Light, heat, migration...fastness are excellent.

Product	Chemical composition	% A.M.	Film Hardness	Appearance	Color
WHITE W	Titanium Dioxide. Bluish ton	50±2	Cobertur high	Viscous liquid	White
WHITE NW	Titanium Dioxide. Neutral ton	40±2	Cobertur high	Viscous liquid	White
YELLOW WS	Organic-Inorganic mix	16±1	Cobertur high	Viscous liquid	Yellow
ORANGE W	Inorganic base	12±1	Cobertur medium	Viscous liquid	Orange
RED W	Metallized AZO	20±2	Cobertur low	Viscous liquid	Red
BOURDEAUX W	Metallized AZO	22±2	Cobertur low	Viscous liquid	Bourdeaux
OCHRE W	Iron Oxide	29±2	Cobertur high	Viscous liquid	Ochre
BROWN W	#N/A	#N/A	#N/A	#N/A	#N/A
BLUE W	#N/A	#N/A	#N/A	#N/A	#N/A
BLACK BN	#N/A	#N/A	#N/A	#N/A	#N/A
BLACK W	Carbon Black. Reddish ton	17±1	Cobertur high	Viscous liquid	Deep black

SERANIL ANILINES

General properties

Metal complex dyes in solvent means.


To be used mixed with pigment coats, aniline finishing, bi-colour contrast, tipping effects.

Are very suitable for lacquer colouring (solvent and water base).

They are water soluble when are mixed with polar solvents or special penetrators (see Dyes Auxiliaries).

Good penetration and tintorial efficiency.

According their chemical composition, SERANIL dyes fulfil with maximum requirements like light fastness, fixation, migration...

Product	Color	Appearance	General properties
YELLOW CL	Light yellow	Fluid liquid.	
YELLOW N	Medium yellow	Fluid liquid.	
ORANGE N	Medium orange	Fluid liquid.	
RED CL	Light red	Fluid liquid.	
BURDEAUX N	Bluish red	Fluid liquid.	
BROWN CL	Light brown	Fluid liquid.	
BROWN N	Medium brown	Fluid liquid.	
BROWN FO	Dark brown	Fluid liquid.	
BLUE CL	Light blue	Fluid liquid.	
BLUE FO	Dark navy blue	Fluid liquid.	
BLACK N	Bluish black	Fluid liquid.	
BLACK TVA	Bluish black	Fluid liquid. Black	
TT Nº 1	Deep black ink with good penetration	Fluid liquid. Black	
			Dyeing / Recovery of old leather stock. Good penetration even in finished leathers. Natural drying is recommended to achieve better and fixation.
PENTSER 04-S	Yellowish	Yellowish fluid liquid.	Special to improve Seranil dilution and penetration

DYING AUXILIARIES AND OTHERS

General properties

To improve dying penetration, fixation, igualation.

To improve anilines water solution.

To improve dust fixation.

To improve the softness in immersion dying.

Product	Properties	% A.M.	pH	Appearance	General properties
PENTSER 04-S	Special to improve Seranil dilution and penetration	100	6,0±0,5	Yellowish fluid liquid.	Special to improve Seranil dilution and penetration
PENTSER 08	Special for impregnation and anilines. Strong penetrator.	100	6,0±0,5	Colourless fluid liquid.	Special for impregnation and anilines. Strong penetrator.
DS-3701	Special to improve Seranil dilution and penetration	100	NA	Colourless fluid liquid.	Special to improve Seranil dilution and penetration
DISOLAC T	Special to improve Seranil dilution and penetration	100	NA	Colourless fluid liquid.	Special to improve Seranil dilution and penetration
BASE 1510	For all kind of leathers and other articles, plastics...	100	8,5±1,0	Whitish fluid liquid.	For all kind of leathers and other articles, plastics...
BASE 3012	Dust fixing in splits, nubuck, suedes.	100	8,5±1,0	Whitish fluid liquid.	Dust fixing in splits, nubuck, suedes.
IGUALADOR A-5	Color evennes - Improves the feel. Spray gun.	100	7,0±0,5	Whitish fluid liquid.	Color evennes - Improves the feel. Spray gun.
SERGRAS IM	Special for dying machine.	65±1	7,5±0,5	Yellowish fluid liquid.	Special for dying machine.

PLASTISER RA

Special fat having many of applications in multiply of sectors. Some of these product applications are: softening, soaking/humectation, degreasing, leveller, dispersing, emulsifier, foam modification, superficial tension agent, plasticizer, solubiliser...

In the leather industry, like quality fatliquor , touching agent and dying levelling/intensification in de last fatliquoring stage and finishing.

75±1

7,5±0,5

Amber transparent liquid.

Color evennes - Improves the feel. Spray gun.

PLASTISER RS

Special fat having many of applications in multiply of sectors. Some of these product applications are: softening, soaking/humectation, degreasing, leveller, dispersing, emulsifier, foam modification, superficial tension agent, plasticizer, solubiliser...

In the leather industry, like quality fatliquor , touching agent and dying levelling/intensification in de last fatliquoring stage and finishing.

75±1

7,0±0,5

Amber transparent liquid.

Color evennes - Improves the feel. Spray gun.