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MINERAL

General properties

Consolidates the fiber structure, and gives a tighter and smoother grain, good filling.
Better response to dyeing, improving the intensity and evenness of dyes.

Product	Chemical composition	Appearance	pH A.M. Charge	Product properties
SERTAN CO	Synthetic-Chrome and proteins.	Solid in powder. Light green.	3,0±0,5 100 Cationic	Very good filling. Recommended for white leathers.
SERTAN CH	Synthetic-Chrome.	Solid in powder. Light green.	3,5±0,5 100 Cationic	Standard.
SERTAN CHB	Synthetic-Chrome and Vegetal Extract.	Solid in powder. Light green.	3,5±0,5 100 Cationic	Give some colour to white leather.
SERTAN CA	Chrome-Aluminium.	Solid in powder. Light green.	2,5±0,5 100 Cationic	Combine the advantage of leathers chromium tanned and aluminium tanning. Leathers with very pale green colour. Suitable for white leathers or very light colours.
SERTAN AL	Aluminium Tanning.	Solid in powder. White.	4,0±0,5 100 Cationic	It is used to improve the leather quality, getting soft leathers, with compacted structure and tighter grain and no-looseness. It is possible to get more intense dyeing and better buffing. It is also for retanning the leathers that were pre-tanned with vegetable extract.

SYNTANS

General properties

Retanning products based on synthetic polymers.

Used to fill and compact the empty and frayed structures of the leather, giving good fullness in flanks and bellies.

Improve adhesion, elasticity, fibre compaction and buffing.

Special to get closer structure and short plush. They are suitable to avoid grain looseness in the leather to be milled.

Special for white leathers. All products have good light fastness.

Product	Chemical composition	Appearance	pH A.M. Charge	Product properties
SERTAN ALD	Aldehyde.	Fluid liquid. Colorless.	6,0±1,0 45±2 Anionic	Used in pre-tanning for Wet-white and wet-blue operations, getting white colour and very low oxidation. When used in wet-blue, permit to reduce the chrome content. Improve the physical resistance of leathers.
SERTAN FAD	Organic compound based aldehyde-phosphoric.	Fluid liquid. Colourless.	4,0±0,5 45±2 Anionic	Used in pre-tanning for Wet-white and wet-blue operations, getting white colour and very low oxidation. When used in wet-blue, permit to reduce the chrome content. Improve the physical resistance of leathers.
SERTAN BK	Synton and vegetal polymer.	Solid in powder. Light brown.	4,5±0,5 100 Anionic	Excellent tanning. Great filling and retanning power.
SERTAN BX	Synton and vegetal polymer.	Solid in powder. Light brown.	5,0±1,0 100 Anionic	Great filling and retanning power.
SERTAN BSF	Synton and natural polymer.	Solid in powder. Whitish to yellowish.	5,0±0,5 100 Anionic	General dispersing for other retanning products, vegetal extracts, fatliquors or dyes. Better response to dying, improving the intensity and equalization of dyes.
SERTAN BSP	Synton.	Solid in powder. Whitish to yellowish.	2,5±0,5 100 Anionic	General dispersing for other retanning products, vegetal extracts, fatliquors or dyes. Better response to dying, improving the intensity and equalization of dyes.
SERTAN ELB-C	White synton.	Solid in powder. White.	2,5±0,5 100 Anionic	Whitening power.

SERTAN ELB-N	White sytan.	Solid in powder. White.	3,5±0,5 100 Anionic	Whitering and retanning power.
SERTAN CR-6	Sytan and additives.	Solid in powder. White.	3,0±0,5 100 Anionic	Retanning. Cr6+ exhaustion and prevention.
SERTAN RP	Syntans, sals and additives.	Solid in powder. Brown.	3,0±0,5 100 Anionic	Vegetal Extract dispersing and pre-tanning. Its prepare the leather for fast penetration of vegetal extracts.

VEGETAL EXTRACT

General properties

Pre-tanning, tanning, re-tanning.

Excellent tanning, retanning and filling power in all parts of the leather, getting the maximum uniformity. Depending on the selected product and the used quantity, \pm compact, +full or +hard leather will be obtained.

Suitable for all kind of articles when we require full, compact, round, smooth leathers. They consolidate the fibre structure, and give a tighter and smoother grain, good filling.

Better response to dyeing, improving the intensity and evenness of dyes.

All products in the range are completely soluble in hard water at 40-45°C.

All products in the range are 100% natural, formaldehyde free (0%) and 100% biodegradable.

Product	Chemical composition	Appearance	pH A.M. Charge	Product properties
SERTAN VHM	Vegetal extract.	Solid in powder. Reddish brown.	4,5 \pm 0,5 100 Anionic	Quebracho replacement.
SERTAN VHI	Vegetal extract and natural polymer.	Solid in powder. Reddish brown.	4,5 \pm 0,5 100 Anionic	Quebracho replacement base.
SERTAN VEM	Vegetal extract mix.	Solid in powder. Orangish brown.	4,5 \pm 0,5 100 Anionic	Quebracho replacement base. Modified. Very good filling.
SERTAN VTM	Vegetal extract.	Solid in powder. Beige.	4,5 \pm 0,5 100 Anionic	Tara replacement. Light colour. Good light resistance.
SERTAN VTI	Vegetal extract and natural polymer.	Solid in powder. Beige.	4,5 \pm 0,5 100 Anionic	Tara replacement. Light colour. Good light resistance.
SERTAN VXM	Vegetal extract.	Solid in powder. Greenish brown.	4,5 \pm 0,5 100 Anionic	Chestnut replacement.

SERTAN VXi	Vegetal extract and natural polymer.	Solid in powder. Greenish brown.	4,5±0,5 100 Anionic	Chestnut replacement base.
SERTAN VVM	Vegetal extract.	Solid in powder. Greenish brown.	4,5±0,5 100 Anionic	Valonea extract. Greenish colour to vegetal tanned leather.
SERTAN VVi	Vegetal extract and natural polymer.	Solid in powder. Greenish brown.	4,5±0,5 100 Anionic	Valonea extract base. Modified. Greenish colour to vegetal tanned leather.
SERTAN VLM-Q	Vegetal extract.	Solid in powder. Beige.	4,5±0,5 100 Anionic	Mimosa replacement. Very light color.
SERTAN VGI	Vegetal extract and natural polymer.	Solid in powder. Light brown.	4,5±0,5 100 Anionic	Mimosa extract base. Soft leathers.
SERTAN VLI	Vegetal extract and natural polymer.	Solid in powder. Beige.	4,5±0,5 33±1 Anionic	Mimosa extract base. Soft leathers. Light colour.
SERTAN VES	Vegetal extract and natural polymer.	Solid in powder. Beige to brown.	4,5±0,5 100 Anionic	Mimosa extract base. Excellent feeling. Economic.

SYNTHETIC POLYMERS

General properties

Retanning products based on synthetic polymers.

Used to fill and compact the empty and frayed structures of leather, giving good fullness in flanks and bellies.

Improves adhesion and fibers compaction. Elasticity. Improves the buffing.

Special to get closer structure and short plush. They are suitable to avoid grain / oseness in the leather to be milled.

Special for white leathers. All products having good light fastness.

Product	Chemical composition	Appearance	pH A.M. Charge	Product properties
SERTAN RM	Synthetic polymers and additives.	Fluid liquid. Colorless.	3,0±1,0 50±2 Anionic	Due to its acid pH, it is suitable for pre-tanning, tanning and retanning.
SERTAN PA	Synthetic polymer and additives.	Fluid liquid. Colorless.	4,5±0,5 30±1 Anionic	Due to its pH, it is suitable for pre-tanning, tanning and re-tanning.
SERTAN POL	Synthetic polymers and additives.	Fluid liquid. Colorless.	9,0±0,5 33±1 Anionic	Pre-tanning and tanning agent for all kind of leathers, specially for Wet-white, vegetal tanning and napa garments and shoes. Very good for tight grain.
SERTAN RC	Synthetic polymers and additives.	Fluid liquid. Colorless.	4,5±0,5 30±1 Anionic	General resin for retanning all kind of articles.
SERTAN RR	Synthetic polymers and additives.	Fluid liquid. Colorless.	5,5±0,5 28,5±1 Anionic	General resin for retanning all kind of articles.
SERTAN RPC	Synthetic polymers and additives.	Fluid liquid. Yellowish.	8,0±1,0 20±1 Anionic	Used in final stages of retanning process in order to improve the grain: fullness and smooth. Very suitable for buffed articles and dry, close and short plush. Increase the reactivity of surface when dying, getting more color intensity.

NATURAL POLYMERS

General properties

Retanning and filling products based on bio-polymers as alternative to conventional resins like dicyandiamide and melamine.

Used to fill and compact the empty and frayed structures of the leather, giving good fullness in flanks and bellies.

Improve adhesion, elasticity, fibre compaction and buffing.

Special to get closer structure and short plush. They are suitable to avoid grain looseness in the leather to be milled.

Special for white leathers. All products are 100% natural, biodegradable and formaldehyde free (0%).

Product	Chemical composition	Appearance	pH A.M. Charge	Product properties
SERTAN D-3	Natural polymers and synthetic.	Solid in powder. White.	5,0±1,0 100 Anionic	Fixation and fibers compactation. White leathers.
SERTAN DC	Natural polymers and synthetic.	Solid in powder. Brown.	5,0±0,5 100 Anionic	High filling and fiber compactation.
SERTAN DX	Natural polymer.	Solid in powder. Light brown.	5,5±1,0 100 Anionic	Excellent filling and fiber compactation.
SERTAN F	Natural polymer and Mineral charges.	Solid in powder. White.	6,0±0,5 100 Anionic	Good filling.
SERTAN FF	Natural polymer and mineral charges.	Solid in powder. White.	7,5±0,5 100 Anionic	Economic Filler.
SERTAN FP	Natural polymer and Mineral charges.	Solid in powder. Whitish to yellowish.	6,0±0,5 100 Anionic	Very good filling.

SERTAN LP	Filler based on natural polymers.	Fluid liquid.	5,5±0,5	Very good filling
		Dark brown.	38±2	
			Anionic	
SERTAN RD	Natural polymers.	Solid in powder.	5,0±0,5	Filling, fixation and fiber compactation. White leathers.
		White.	100	
			Anionic	

NEUTRALIZING, DISPERSING

General properties

Due to their buffering properties they prepare the leather to accept the following retanning agents and lead to a progressive, moderate, uniform and effective neutralisation, getting an optimal pH to work with retanning agents, fatliquors and dyes.

Neutralizing agents with buffering and soft de-acidifying effect, reducing the affinity of retanning agents, protecting the grain against overtannage and giving smooth and tight grain, no-looseness, fullness.

They reduce de cationic character of wet-blue and wet-white leathers and facilitate the penetration and dispersion of anionic retanning products without causing any astringency or losing any physical property. Improve the fat dispersion used in the fatliquoring bath.

They can be used in dying when dyes dispersing is required and also to achieve bright color dyes and increase the shades.

Product	Chemical composition	Appearance	pH A.M. Charge	Product properties
SERTAN N-N	Alcaline salts and masking.	Solid in powder. White.	8,0±0,5 100 Anionic	Standard neutralizing and complex-forming agent and mild basifying agent.
SERTAN N-PAK	Alcaline salts and masking.	Solid in powder. Whitish to yellowish.	7,5±0,5 100 Anionic	Excellent buffering ability. It neutralizing of chrome-tanned leather. It can be used in retanning as a dispersing agent of retanning and dyes.
SERTAN N-AG	Alcaline salts and masking.	Solid in powder. White.	6,0±0,5 100 Anionic	Maximum buffering ability. It masks and stabilizes the chrome liquors, providing very full leathers. Improves the softness and fullness of the leather and the elasticity of the grain. It also improves the grain firmness also. Enhances the plush on suede articles. It indreases the dye color shades and speeds up vegetable retanning.
SERTAN ND	Naphthalene syntan.	Solid in powder. Light brown.	9,5±1,0 100 Anionic	Dispersing, can be used like neutralization agent in order to improve the penetration of retanning products and the vegetal extracts specially. In dying, thanks to his strong anionic character, holds up the levelling, dispersions and penetration of dyestuff.