

Smooth & Healthy Smoothing Cream Working Process and Ingredients.

Prepared for Surface Art Team

Two key components of hair care products are:

1. Active ingredients which produce the desired result.
2. The delivery system (also known as the 'Driver') which provides for the desired penetration and proprietary delivery of the active ingredients onto and into the hair.

Surface has identified and formulated 'Smooth and Healthy Protein Smoothing Treatment' with a complex active ingredients of natural proteins and oils as well as a naturally derived Driver complex.

A. Understanding the Smooth & Healthy Ingredients:

1. Drivers
 - Smooth & Healthy Drivers are comprised of purified water and a complex derived from minerals, fatty alcohols, acids, sugars which occur naturally in plants, fruits and vegetables. Specifically these are Cetearyl Alcohol, Cetareth-20, Propylene Glycol, Butylene Glycol, Stearic Acid, Cetyl Alcohol, Trideceth-12, Phosphoric Acid, Ammonium Hydroxide, amodimethicone, Orbignya Oleifera (Babassu) Seed Oil, Simmondsia Chinensis (Jojoba) Seed Extract, Equisetum, Arvensis Extract, Rosmarinus Officinalis (Rosemary) Leaf Extract, Arnica Montana Flower Extract, Helianthus Annuus (Sunflower) Seed Extract.
2. Active
 - Smoothing Cream - Cysteamine HCL, which is an amino acid complex of cysteamine and has the natural ability to soften the hair's disulfide bond and attach protein improving the structure of hair's protein. Cysteamine is a derivative of the amino acid cysteine. Cysteine is an amino acid that can be found in many proteins throughout the body and is a principle factor in the stability of hair's structural protein. Cysteamine has the ability to soften and bond protein to the disulfide bond. In general health the body has the ability to convert cysteine into a powerful anti oxidant which fight free radicals.
 - Both Smoothing Cream and Locking Lotion - Hydrolyzed Amaranth Protein, Orbignya Oleifera (Babassu) Seed Oil, Retinyl Palmitate (Vitamin A), Ascorbic Acid (Vitamin C), Tocopheryl Acetate (Vitamin E), Cetrimonium Chloride, Simmondsia Chinensis (Jojoba) Seed Extract, Equisetum Arvensis Extract, Rosmarinus Officinalis (Rosemary) Leaf Extract, Arnica Montana Flower Extract and Helianthus Annuus (Sunflower) Seed Extract. All of these ingredients work to strengthen, soften and smooth the hair.
 - Locking Lotion - Hydrogen Peroxide, which is naturally produced in organisms as a byproduct of oxygen metabolism. Hydrogen Peroxide oxidizes (hardens) the protein/oil structure.

B. Key Components, Ingredients and Actions:

1. Protein Cream
 - Amaranth Protein & Babassu oil` - strength and smoothing
2. Smoothing Cream
 - Driver Complex - proprietary delivery of ingredients
 - Cysteamine HCL - soften the hair and bond protein/oil
 - Amaranth Protein & Babassu oil` - strength and smoothing
3. Locking Lotion
 - Hydrogen Peroxide - locks protein/oil to hair
 - Amaranth Protein & Babassu oil` - strength and smoothing

C. Working Process:

1. Protein Cream - Provides ionic bonding of protein/oil complex to deficient areas.
2. Smoothing Cream - Softens the hair, primarily the disulfide bond allowing for bonding of the protein /oil complex and smoothing the hair's keratin structure
- the longer the Smoothing Cream processes, the softer and smoother the hair becomes.
3. Water Rinse - As hot as comfortable to the guest. Water rinsing must be 7 – 9 minutes to insure complete removal of residual odor. Protein naturally has a pungent odor.
3. Optional blow dry and/or press - heat intensifies the smoothing action with additional softening and stretching of the protein and thus the hair's structure.
4. Protein Cream - provides ionic bonding of protein and oil complex.
5. Locking Lotion - locks (hardens) the new protein/oil complex into and onto the hair providing a renewed conditioned and smoothed structure.
6. Protein Cream - provides ionic bonding of protein and oil complex for final styling.
7. Daily hair maintenance, styling, environmental and chemical damage will wear away and break down the renewed protein/ oil complex and must be refortified with each shampoo. Following the treatment Trinity Protein cream must be used as a leave in conditioner every time the hair is shampooed. The natural ingredients of Surface shampoo, conditioner and styling products must also be used to respect the integrity of the process.