

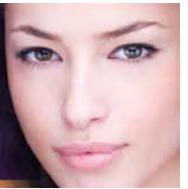
Polytrap® 650SB
Shea Butter Delivery System
Technical Data Sheet

Description: A moist, white, amorphous polymeric powder loaded with 50% Shea Butter. Polytrap 650SB provides exceptional rubout and elegance when incorporated into personal care and cosmetic formulations, while extending the availability of the shea butter on the skin after application. The prolonged availability of the shea butter helps improve the consumer's perception of softness and provides a favorable, long lasting sensory cue of the cosmetic or toiletries product use. After application, the remaining polymer particles have the ability to adsorb excess skin oils, thus providing extended use benefits such as long lasting color in lipsticks and facial make-ups and mattifying and shine reduction in facial cleansers, moisturizers, and treatment products.

A multifunctional delivery system useful in a wide variety of cosmetic and personal care products and formulations. PT 650SB in formulation protects the skin from both environmental and free-radical damage. Shea butter contains vitamins A & E (Balances and normalizes the skin), and F (skin protector and revitalizer), and has demonstrated both antimicrobial and anti-inflammatory properties. Shea butter is not recommended for people with nut or latex allergies.

Typical Properties

Composition:	Lauryl Methacrylate/Glycol Dimethacrylate Crosspolymer (and) Butyrospermum Parkii (Shea Butter)
Appearance:	White to yellowish powder
Shea Butter Level:	50 % ± 5.0%
Loss on Drying:	less than 3.0%



Benefits

- Enables formulation with Shea Butter in all types of personal care products, including gels, emulsions, creams, and loose and pressed powders.
- Provides sebum control reducing shine and extending wear in color cosmetics Enhances emulsion stability
- Provides secondary thickening in gels and emulsions
- Evens skin tone & returns luster to skin & hair
- Revitalizes, softens & maintains skin moisture.
- In formulation PT 650SB penetrates deep into skin to help restore elasticity
- Naturally rich in vitamins A, E & F which are essential vitamins needed for good skin balance.

Typical Applications

- ❖ Facial treatments and skin care products including gels, emulsions, and anhydrous products
- ❖ Make-ups and Foundations incorporating skin-care benefits
- ❖ Daily use moisturizers and lotions
- ❖ Exfoliating gels and treatments
- ❖ Loose and pressed powders

Storage Conditions: Store in unopened container under ambient conditions.

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