

Beautysphæra® S

Enhanced beauty experience

Consumers' quest for a daily pampering time and for immediately perceivable beauty results has perhaps never been greater. Cosmetic formulators thus need to play with textures and ingredients to deliver outstanding sensoriality and impeccable results.

Urethane powders can improve the beauty experience at every stage, from initial contact, to application and after-feel. They can deliver instantly visible benefits, disguising imperfections and revealing a natural and healthy looking skin. Through optical blurring, fine lines and pores look significantly reduced and the skin appears immediately brighter, more radiant and flawless, with a soft and silky touch.

BEAUTYSPHAERA® S is a unique urethane powder, suitable for skin care and color cosmetics, with multiple benefits, from a soft-focus and mattifying effect, to a soft cushioning touch with de-tackifying properties.

Summary of benefits

- Soft focus effect, making fine wrinkles and pores inconspicuous
- Mattifying end-result, through sebum absorption
- Reduced oiliness of cosmetic formulations on skin
- Silky skin-feel, with a soft touch

Applications

BEAUTYSPHAERA® S is a sensorial modifier that delivers excellent slip, fluidity and overall skin-feel, together with imperfections camouflage through optical blurring.

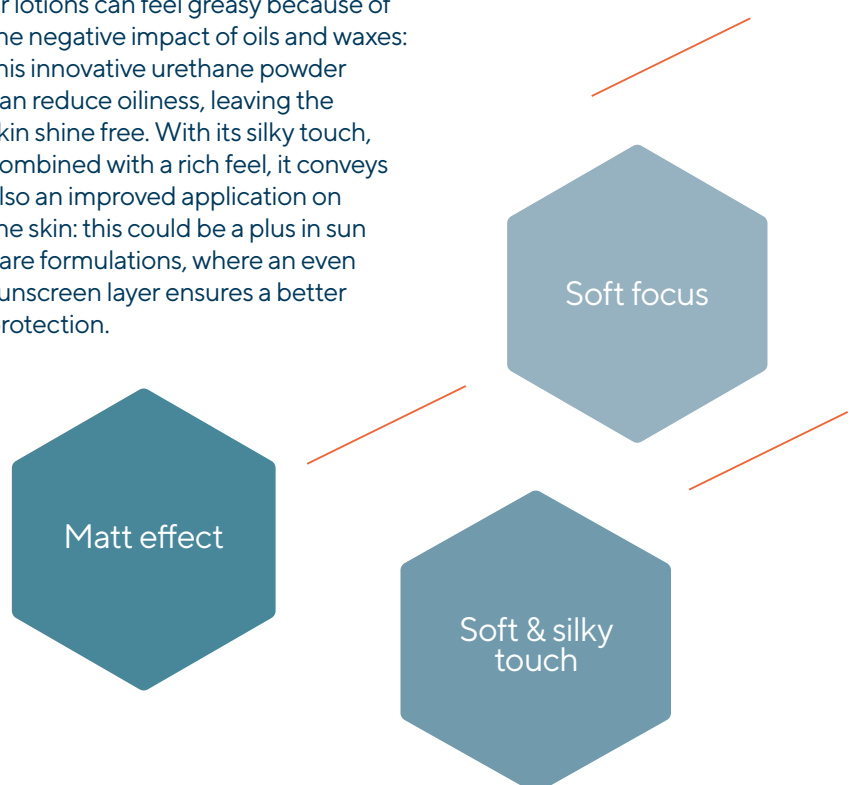
BEAUTYSPHAERA® S can immediately enhance consumers' perception in several applications:

- SKINCARE EMULSIONS: creams or lotions can feel greasy because of the negative impact of oils and waxes: this innovative urethane powder can reduce oiliness, leaving the skin shine free. With its silky touch, combined with a rich feel, it conveys also an improved application on the skin: this could be a plus in sun care formulations, where an even sunscreen layer ensures a better protection.

- LOOSE POWDERS: it helps delivering better coverage, with an intense color and a homogeneous application. The after feel results in a smooth and silky touch.
- FOUNDATIONS AND BB CREAMS: it enhances simultaneously long wear, soft-focus and matt appearance, while improving texture and coverage at the same time.
- LIPSTICKS AND HOT POURS: it ensures a smooth application, resulting in a defined and intense color. It can also prevent the sweating of oils.

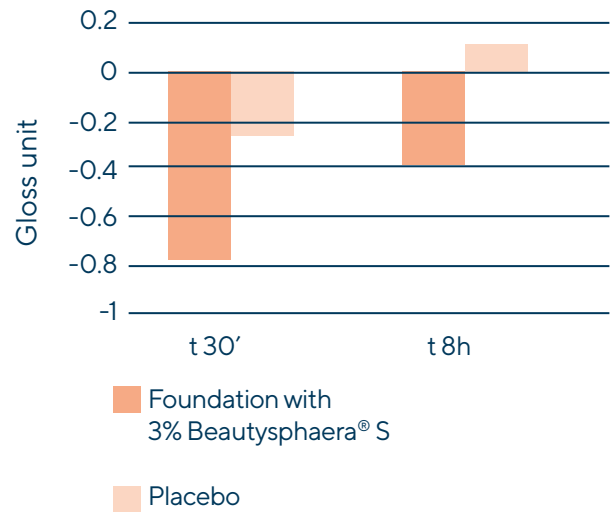
BEAUTYSPHAERA® S is versatile and easy to use: it can be easily dispersed in oil-in-water emulsions, water-in-oil emulsions and anhydrous systems.

INCI name: PEG-15/PPG-70 Glyceryl Ether/IPDI/DMPA Crosspolymer



Skin gloss

A half-side test was conducted in an in vivo study: on each side of the face, a W/S foundation (LAMCOS 130) with and without 3% of BEAUTYSPHAERA® S was applied. The application of the foundation with BEAUTYSPHAERA® S resulted in a gloss reduction, compared both to untreated skin and to the placebo formulation.



SILKY TOUCH BODY LOTION - LAMCOS 132

Phase	Ingredient name	% w/w
A		
1	Aqua (Water)	To 100
2	Propanediol	2.5
3	Cetearyl Glucoside, Sorbitan Olivatate	5.0
B		
1	BEAUTYSPHAERA® S	3.0
C		
1	VISCOLAM® AT 100 P	0.75
D		
1	Cetyl Alcohol	1.0
2	Butylene Glycol Dicaprylate/Dicaprate	10.0
3	Triheptanoin	6.0
4	Dimethicone	0.5
5	Tocopherol; Heliantus Annuus Seed Oil	0.2
E		
1	Preservative	q.s.
2	Parfum (Fragrance)	q.s.

Manufacturing procedure:

In the main vessel, add ingredients A1-2 and heat up to 70°C. Add A3 and keep stirring for about 10 minutes, until completely dissolved. Disperse phase B into phase A under stirring. Add phase C and keep stirring until homogeneous. In a side vessel, premix ingredients of phase D and heat up to 60°C. Emulsify phase D into phase A+B+C, homogenizing for 2 minutes, until a glossy emulsion is obtained. Add phase E below 40°C.

General Characteristics:

Appearance: off-white emulsion

pH: ~ 6.0

Viscosity (Brookfield RVT+Helipath, 10 rpm, 25°C): ~ 50000 - 100000 mPa*s

For more information please contact:

Personal Care Headquarter | Via Marsala, 38/d | 21013 Gallarate (VA) | Italy
T + 39 0331 715 824 | cosmetics@lamberti.com
personalcare.lamberti.com

W/S FOUNDATION - LAMCOS 130

Phase	Ingredient name	% w/w
A		
1	Aqua (Water)	To 100
2	Sodium Chloride	1.0
3	Propanediol	5.0
4	Phenoxyethanol, Caprylyl Glycol	0.8
B		
1	Cetyl Diglyceryl Tris (Trimethylsiloxy) Silylethyl Dimethicone	3.0
2	Caprylic/Capric Triglyceride	5.0
3	Butylene Glycol Dicaprylate/Dicaprate	10.0
4	Polysilicone-15	3.0
5	Dimethicone	3.0
6	Propylene Glycol Dicaprylate/Dicaprate, Stearalkonium Hectorite, Propylene Carbonate	3.0
C		
1	CI 77891, Triethoxycaprylylsilane	5.0
2	CI 77492, Triethoxycaprylylsilane	0.6
3	CI 77491, Triethoxycaprylylsilane	0.2
4	CI 77499, Triethoxycaprylylsilane	0.1
5	Titanium Dioxide, Silica, Dimethicone	3.0
6	BEAUTYSPHAERA® S	3.0
D		
1	Parfum (Fragrance)	0.3

Manufacturing procedure:

Premix phase A at 45-50°C. Premix phase B at 45-50°C. Premix phase C and grind in a mill until homogenous. Add phase C to phase B and stir until homogenous. Homogenize completed phase B/C. Add phase A slowly and stepwise to phase B/C while stirring. Homogenize to reduce particle size. Add phase D and cool down to room temperature while stirring.

General Characteristics:

Appearance: thick off-white emulsion

Appearance: brown viscous emulsion

Viscosity (Brookfield: TF; Speed 10 rpm): 25000 - 35000 mPa.s