



BSI Cosmetic Ingredients



BSI Cosmetic Ingredients provides a full line of minerals, chemicals and surface treatments designed to meet your specific cosmetic requirements



Surface Treatments – Cosmetics

BSI Cosmetic Ingredients specializes in the manufacturing, blending and surface treatment of cosmetic minerals. Most minerals can be modified with the following surface treatments:

ST11 METHICONE: Methicone treated materials result in a cured film surface that significantly improves the characteristics of colors and minerals. The primary benefits are: free-flowing dry powders, anti-caking, high water repellency, slip, enhanced feel, better adhesion, and improved payoff. They are also available in a “PT” grade for use in emulsion systems without hydrogen generation.

ST14 LAUROYL LYSINE: Lauroyl Lysine is derived from the natural materials -L-Lysine and lauric acid. They provide good lubricity and are smooth spreading, are compatible with human skin, and give excellent adhesiveness.

ST17 BORON NITRIDE: Boron nitride provides excellent slip and adherence to the skin. It will enhance the spreadability and provide better coverage and wearability.

ST19 DIMETHICONE: Using dimethicone coated powders for both aqueous and anhydrous systems provides numerous benefits for cosmetic formulations. The primary benefits are: high water repellency, soft feel and lubricity on skin, better adhesion and higher compressibility and spreadability.

ST20 ACRYLATES COPOLYMER: A unique combination of acrylic resin and magnesium carbonate coupled on a substrate (talc, sericite, titanium dioxide, etc.) enables the formulator to incorporate high levels of a fragrance or other oils to the substrate without causing it to lose its free flowing characteristics. Fragrance levels can typically go up to 5%, while maintaining excellent powder flow properties.

ST26 MAGNESIUM MYRISTATE: Magnesium Myristate is the magnesium salt of Myristic Acid. Magnesium Myristate coated powders are an alternative to silicone treated powders. It gives excellent water repellency and has good affinity to the skin. It produces good slip and prevents caking. Application areas include eyes shadows, blush, and face powders.

Surface Treatments – Properties/Applications

	Methicone ST11	Lauroyl Lysine ST14	Boron Nitride ST17	Dimethicone ST19	Acrylates Copolymer ST20	Magnesium Myristate ST26
P R O P E R T I E S						
Free Flowing	•			•	•	•
Anti-Caking	•			•	•	•
Water Repellency	•			•		•
Slip	•		•	•		•
Enhanced Soft Feel	•			•		•
Adhesion	•	•	•	•		•
Rub Resistance		•	•	•		•
Ease of Dispersion						
Surface Smoothness			•			•
Absorb Moisture (Hydroscopic)						
Lubricity		•		•		•
Spreadability		•	•	•		•
Slow Release of Active					•	
Fragrance Retention					•	•
A P P L I C A T I O N S						
Skin Care	•	•	•	•		
Liquid Make-Up	•	•	•	•		
Blushes	•	•	•	•		•
Water Resistant Eye Make-Up	•			•		•
Press Powders	•	•	•		•	•
Free Flowing Powders	•	•	•		•	•
Water Based Systems				•	•	
T R E A T E D P R O D U C T S						
Mica	•	•	•	•	•	•
Sericite	•	•	•	•	•	•
Talc	•	•	•	•	•	
Kaolin	•	•		•	•	•
Titanium Dioxide	•	•	•	•	•	
Treatment Level	1-3 %	5-10 %	3-5 %	1-10%	15 % max.	3-5%

Substrates – For Surface Treatments

MICA	SERICITE	TALC	TITANIUM DIOXIDE	KAOLIN
06–2280	10–281	19–192 Pyrenean Silk	25–IMP1886L	41–3328
09–2281		20–IMP1887L	38–190 5/0 Italian	44–325
		23–IMP1889L	49–184 (00 French Talc)	
<p>The above list are current products available for surface treatments (although any product can be surface treated). The two digit code represents the product which can be surface treated with any of the products from the application guide. For example, if a Cosmetic Mica (2280) needed to be surface treated with Methicone, the order code would be ST1106, (Methicone (ST11) + Mica (06) = ST1106). Treat IMP1886L Talc with Lauroyl Lysine – Order code – ST1425. Lauroyl Lysine (ST14) + IMP1886L (25) = ST1425</p>				

N O R T H E A S T

1000 Coolidge Street
South Plainfield, NJ 07080
800-732-0562
800-833-8139 (Fax-General)
CSNewJersey@Brenntag.com

S O U T H E A S T

6525 The Corners Parkway
Suite 208
Norcross, GA 30092
800-833-8142
800-833-8143 (Fax)
CSNorcross@Brenntag.com

M I D W E S T

24012 W. Renwick Rd.
Suite 200
Plainfield, IL 60544
800-833-8140
800-833-8141 (Fax)
CSChicago@Brenntag.com

S O U T H W E S T

5300 Memorial Drive
Suite 1040
Houston, TX 77007
800-627-2436
877-796-7257 (Fax)
CSHouston@Brenntag.com

W E S T E R N

355 E. Rincon Street
Suite 200
Corona, CA 92879
800-227-1345
925-376-8209 (Fax)
CSCorona@Brenntag.com

E U R O P E

BRENNTAG S.A.
1, chemin de Pas del la Mule
BP7
78501 SARTROUVILLE
FRANCE
+33(0)1 30 86 67 00 (Phone)
+33(0)1 39 14 17 76 (Fax)

WEB PAGE ADDRESS

www.brenntag specialties.com