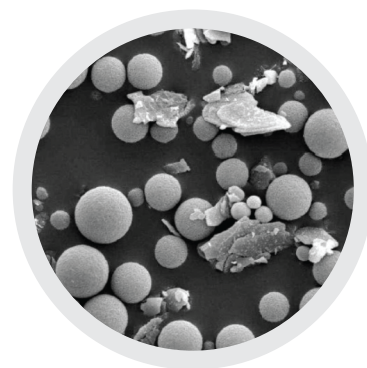


Solid Microsphere Complexes

Americas Program



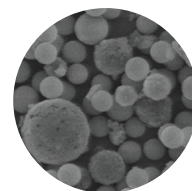
Solid Microsphere Complexes are blends of materials of different composition which create products with unique characteristics and performances.

MSX-511 combines PMMA and Calcium Phosphate for feel, soft focus and oil absorption. **GWC-500EP** blends two microspheres for a silky skin feel and excellent soft focus. **KoboBlur™ 100 Natural** is made only of minerals and natural ingredients, using no plastic particles; the ingredients of this complex have complimentary refractive indexes and scatter light in a wide range of formulas.


SEM Pictures:



MSX-511



GWC-500EP

Trade Name	INCI Name	Particle Size (µm)	Oil Abs* (g/100g)	Density (g/in ³)
New KoboBlur™ 100 Natural 	Silica (And) Cellulose (And) Mica (And) Barium Sulfate (And) Titanium Dioxide (And) Jojoba Esters	8	49	4.5
MSX-511	Methyl Methacrylate Crosspolymer (And) Dicalcium Phosphate	9	120	4.8
New GWC-500EP	Polymethylsilsesquioxane (And) Silica	4	100	3.7

 Natural

This chart was prepared to assist in formulating with Microsphere Complexes. The information contained herein is believed to be accurate at the time of printing, but should not be used as a substitute for product specification sheets.



KFL-138A-EU

Silicone-Free Primer

Part 1

• Deionized Water	57.50%
• Glycerin - Interchimie: <i>Glycerin</i>	4.00%
• Tego® SML 20 - Evonik: <i>Polysorbate 20</i>	1.00%
• Triethanolamine 99% - Acros: <i>Triethanolamine</i>	1.00%
• Keltrol® CG-T - CP Kelco: <i>Xanthan Gum</i>	0.20%

Part 2

• Tegosoft® CT - Evonik: <i>Caprylic/Capric Triglyceride</i>	10.00%
• Jojoba Oil - Desert Whale: <i>Simmondsia Chinensis (Jojoba) Seed Oil</i>	5.00%
• Dermofat 4919 - Alzo: <i>Stearic Acid</i>	3.50%
• Alcool 1618 50/50 - Stéarinerie-Dubois: <i>Cetearyl Alcohol</i>	1.50%
• Tegin® M Pellets - Evonik: <i>Glyceryl Stearate</i>	1.50%
• Vitamin E-Acetate Care - BASF: <i>Tocopheryl Acetate</i>	0.50%

Part 3

• KoboBlur™ 100 Natural - Kobo Products: <i>Silica (And) Cellulose (And) Mica (And) Barium Sulfate (And) Titanium Dioxide (And) Jojoba Esters</i>	8.00%
• MSS-500W - Kobo Products: <i>Silica</i>	5.00%
• SymDiol® 68 - Symrise: <i>1,2-Hexanediol (And) Caprylyl Glycol</i>	1.00%
• Feminite 48 - Givaudan: <i>Parfum</i>	0.30%

Manufacturing Procedure

1. Add Part 1 and mix to 80 °C while mixing.
2. Pre-mix Part 2 and heat to 80 °C.
3. Add Part 2 to Part 1 in a slurry.
4. Cool to 50 °C while mixing.
5. Add Part 3 and mix until homogeneous.
6. Cool to room temperature while mixing.

Description

This Instant Blur Serum features **KoboBlur™ 100 Natural**, a powder complex with the capacity to hide skin imperfections in a variety of media and offer a nice skin feel. MSS-500W is a silica microsphere that gives a dry touch and matte effect.

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