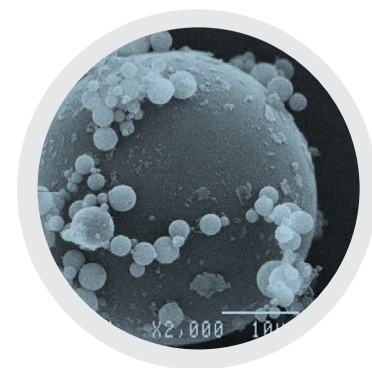


Microsphere Complexes

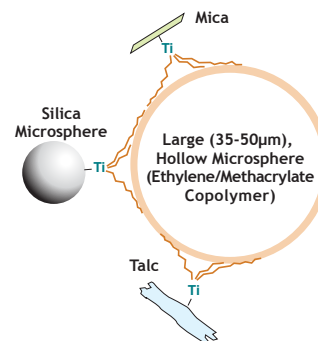
Global Program



Microsphere Complexes: Kobo's patented technology covalently bonds Isopropyl Titanium Triisostearate to various substrates such as Platelets, Spheres and Pigments.

The resulting complex offers the **best balance of properties possible**, including:

- lightweight, powdery afterfeel
- soft focus effect
- high oil absorption
- pearlescent effect



Patent #US 5356617 Pigment-material-microsphere complexes and their production

Trade Name	INCI Name	Size (µm)	Oil Abs (g/100g)	Bulk Density (g/in3)
DSPCS-I2		23	280	1.0
DSPCS/20N-I2		45	550	0.7
DSPCS/3H-I2	<i>Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate</i>	30	375	0.7
DSPCS/3N-I2		45	470	0.6
DSPCS/H-I2		28	800	0.4
DSPCS/N-I2		43	350	0.8
SPCAT-I2	<i>Talc (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate</i>	26	193	1.0
SPCM-I2	<i>Mica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate</i>	29	185	1.4
New SPCBN30-I2	<i>Boron Nitride (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate</i>	45	290	0.5
SPC/BLACK NF-I2	<i>Iron Oxides (CI 77499) (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate</i>	25	224	0.9
SPC/MST-547-I2	<i>Polymethylsilsesquioxane (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate</i>	23	255	0.4
SPC/KTZ CLASSIC WHITE-I2	<i>Mica (And) Titanium Dioxide (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate</i>	25	268	1.2
SPC/KTZ FINE WHITE-I2	<i>Mica (And) Titanium Dioxide (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate</i>	17	260	1.1
SPC/KTZ INTERVAL BLUE-I2		25	260	1.4
SPC/KTZ INTERVAL GOLD-I2	<i>Mica (And) Titanium Dioxide (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate</i>	25	232	1.2
SPC/KTZ INTERVAL GREEN-I2		25	243	1.3
SPC/KTZ INTERVAL RED-I2		26	205	1.3
SPC/KTZ BRONZE DOR-I2		29	282	1.1
SPC/KTZ COPPER-I2	<i>Mica (And) Iron Oxides (CI 77491) (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate</i>	31	214	1.2
SPC/KTZ ROUSSILLON-I2		28	230	1.2
SPC/KTZ GOLD LAME-I2	<i>Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77491) (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate</i>	26	260	1.2
SPC/KTZ SUNBURST GOLD-I2	<i>Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77491) (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate</i>	75	260	1.0

KOBO

USA - New Jersey
+1 (908) 757-0033

FRANCE - Labege
+33 (0)5-62-88-77-40

BRASIL - São Paulo
+55 (11) 5062-0634



KCP-037

Fresh Glow Foundation

Part 1

- **BTD-11S2** - Kobo Products: *Titanium Dioxide (And) Triethoxycaprylylsilane* 24.20%
- **TALC U-11S2** - Kobo Products: *Talc (And) Triethoxycaprylylsilane* 5.90%
- **BYO-11S2** - Kobo Products: *Iron Oxides (CI 77492) (And) Triethoxycaprylylsilane* 3.50%
- **GMS-11S2** - Kobo Products: *Mica (And) Triethoxycaprylylsilane* 3.50%
- **BRO-11S2** - Kobo Products: *Iron Oxides (CI 77491) (And) Triethoxycaprylylsilane* 1.75%
- **BBO-11S2** - Kobo Products: *Iron Oxides (CI 77499) (And) Triethoxycaprylylsilane* 0.75%
- Methyl Paraben NF - International Sourcing: *Methylparaben* 0.20%
- Propyl Paraben NF - International Sourcing: *Propylparaben* 0.20%

Part 2

- Lexol® EHP - Inolex Chemical Company: *Ethylhexyl Palmitate* 43.00%
- **PM WAX 82** - Toray/Kobo Products: *Polyethylene (And) Microcrystalline Wax* 3.00%
- **KOBOGUARD® 5400 SQ** - Kobo Products: *Hydrogenated Polycyclopentadiene (And) Squalane* 2.00%
- Lameform® TGI - BASF: *Polyglycerol-3 Diisostearate* 2.00%
- Petroleum G-1958 - Ruger Chemical: *Petrolatum* 2.00%
- SF1642 - Momentive: *C30-45 Alkyl Dimethicone* 2.00%
- Carnauba Wax SP 63P - Strahl & Pitsch: *Copernicia Cerifera (Carnauba) Wax* 1.00%
- Microcrystalline Wax SP-89 - Strahl & Pitsch: *Microcrystalline Wax* 1.00%
- Cetiol® SB 45 - BASF: *Shea Butter* 0.50%

Part 3

- **DSPCS/H-I2** - Kobo Products: *Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate* 3.50%

Manufacturing Procedure

1. Blend Part 1 and pass through a micropulverizer until the color is fully dispersed.
2. Heat Part 2 with stirring to 80°C.
3. Add Part 1 to Part 2 and mix until homogenous.
4. Add Part 3.
5. Continue to mix until uniform while maintaining temperature.
6. Pour at 78°C-80°C.

Description

This Fresh Glow Foundation formula features Kobo's 11S Silane-Treated Pigments that disperse easily and adhere well to the skin. KOBOGUARD® 5400 SQ, resin composite, gives quick build up with a water-resistant film, and aids in long wear. DSPCS/H-12 gives a lightweight feel and helps the formula go immediately into a powder on the skin. PM WAX 82 helps with the structure.