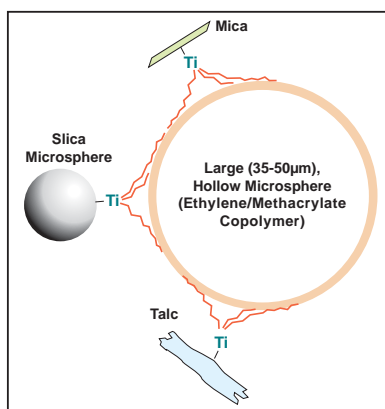


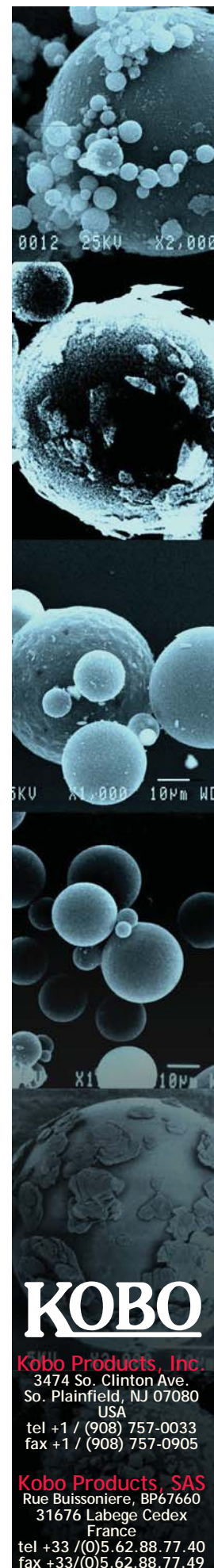
Surface Treated Microspheres & Complexes

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



| Trade Name | INCI Name | Size (µm) | Oil Abs (g/g) | Density (g/in ³) |
|---------------------------|--|-----------|---------------|------------------------------|
| DSPCS-I2 | Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate | 23 | 3.00 | 1.0 |
| DSPCS/20N-I2 | Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate | 32 | 3.78 | 0.7 |
| DSPCS/3H-I2 | Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate | 30 | 5.30 | 0.7 |
| DSPCS/3N-I2 | Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate | 20 | 4.7 | 0.6 |
| DSPCS/H-I2 | Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate | 23 | 8.00 | 0.4 |
| DSPCS/N-I2 | Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate | 28 | 3.50 | 0.8 |
| SPCAT-I2 | Talc (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate | 20 | 1.90 | 1.0 |
| SPCM-I2 | Mica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate | 28 | 1.85 | 1.4 |
| SPC/MST-547-I2 | Polymethylsilsesquioxane (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate | 7.5 | 2.96 | 0.4 |
| SPC/KTZ CLASSIC WHITE-I2 | Mica (And) Titanium Dioxide (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate | 25 | 2.68 | 1.2 |
| SPC/KTZ COPPER-I2 | Mica (And) Iron Oxides (C.I. 77491) (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate | 22 | 2.14 | 1.2 |
| SPC/KTZ GOLD LAME-I2 | Mica (And) Titanium Dioxide (And) Iron Oxides (C.I. 77491) (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate | 22 | 2.60 | 1.2 |
| SPC/KTZ INTERVAL BLUE-I2 | Mica (And) Titanium Dioxide (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate | 27 | 2.60 | 1.4 |
| SPC/KTZ INTERVAL GOLD-I2 | Mica (And) Titanium Dioxide (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate | 24 | 2.32 | 1.2 |
| SPC/KTZ INTERVAL RED-I2 | Mica (And) Titanium Dioxide (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate | 24 | 2.28 | 1.3 |
| SPC/KTZ INTERVAL GREEN-I2 | Mica (And) Titanium Dioxide (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate | 24 | 2.43 | 1.3 |
| SPC/KTZ ROUSSILLON-I2 | Mica (And) Iron Oxides (C.I. 77491) (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate | 23 | 2.30 | 1.2 |
| SPC/KTZ SUNBURST GOLD-I2 | Mica (And) Titanium Dioxide (And) Iron Oxides (C.I. 77491) (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate | 53 | 2.60 | 1.0 |



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Surface Treated Microspheres & Complexes

Surface Treated Microspheres: have been developed for easier use in formulations containing oil.

Treated Microspheres offer the following properties:

- enhanced skin feel
- soft focus
- better blendability on the skin
- better adhesion
- all of the properties of the treatment that it contains

| Treatment | Trade Name | INCI Name | Size (µm) | Oil Abs (g/g) | Density (g/in ³) |
|----------------------|-------------------|--|-----------|---------------|------------------------------|
| Lipophilic Treatment | BPA-5I5 | Polymethyl Methacrylate (And) Isopropyl Titanium Triisostearate | 10 | NA | 3.8 |
| | POMP 610-LS15 | Nylon-6 (And) Lithium Stearate | 11 | 0.89 | 3.29 |
| Natural Treatment | CT-2 Nylon SP-500 | Nylon-12 (And) Chitosan | 5 | 0.65 | 3.0 |
| Perfluoro Treatment | PF-5 BPD-500 | HDI/Trimethylol Hexyllactone Crosspolymer (And) C9-15 Fluoroalcohol Phosphate (And) Silica | 12 | 0.58 | 9.3 |
| | PF-5 Nylon SP-10 | Nylon-12 (And) C9-15 Fluoroalcohol Phosphate | 10 | 0.68 | 5.1 |
| | PF-5 Nylon SP-500 | Nylon-12 (And) C9-15 Fluoroalcohol Phosphate | 5 | 0.77 | 3.2 |
| | PF-5 MSS-500/3N | Silica (And) C9-15 Fluoroalcohol Phosphate | 3 | 0.35 | 10.6 |
| Silicone Treatment | Sunsil-130-SC | Silica (And) Methicone | 7 | 0.98 | 7.4 |
| | Sunsil-130L-SC | Silica (And) Methicone | 7 | 0.78 | 8.5 |
| | Sunsil-130H-SC | Silica (And) Methicone | 7 | 1.46 | 6.0 |
| | Sunsil-150H-SC | Silica (And) Methicone | 15 | 1.37 | 7.7 |
| | Silica Shells-SH | Silica (And) Methoxy Amodimethicone/Silsesquioxane Copolymer | 3 | 5.54 | 0.7 |
| | MSS500-NS5 | Silica (And) Methoxy Amodimethicone/Silsesquioxane Copolymer | 12 | 1.05 | 8.5 |
| | MSS-510-11SH | Silica (And) Triethoxycaprylylsilane | 7 | 0.75 | 5.3 |
| | Sunsil-130LAS | Silica (and) Triethoxycaprylylsilane | 7 | 1.75 | 6.7 |
| | Sunsil-150HAS | Silica (and) Triethoxycaprylylsilane | 12 | 1.55 | NA |

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. NA = Not available at the time of printing