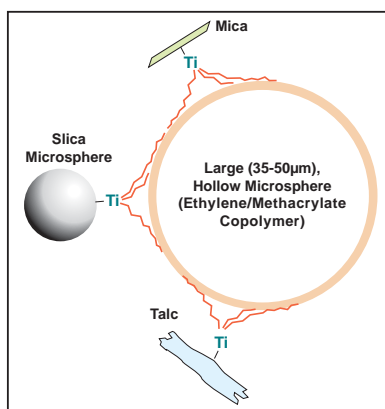


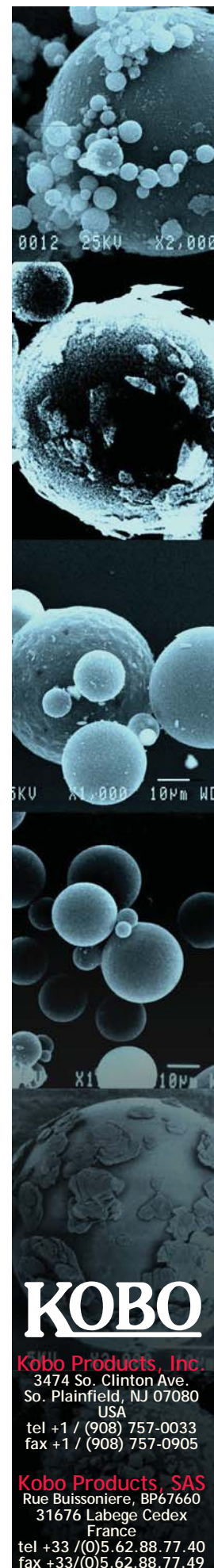
Surface Treated Microspheres & Complexes

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	NA	NA	NA
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	NA	NA	NA
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