NATURAL ORIGIN Microspheres

Global Program



Microspheres are discrete spherical particles in the micron range. They are able to scatter light to diminish the look of fine lines on the skin ("optical blurring" or "soft focus"). They provide a ball bearing effect, which will impart finished products with increased payoff, an elegant silky texture, enhanced slip and better blendability for a more natural finish. They can also absorb oils and can be used as voluminizers for mascaras. Mineral and Biodegradable Microspheres are excellent replacement for Microspheres made of Polymers (Microplastics).



Kobo's Definition of Natural Origin

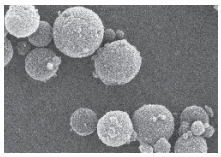
Kobo defines natural origin products as ingredients that are naturally derived which are likely to have undergone chemical or mechanical processing to make them commercially viable ingredients.

We offer a wide range of ingredients, such as Surface Treatments, Pigmentary Dispersions, Sunscreen Technologies, Microspheres and Specialties, of natural origin, mineral or plant-based in particular.
We have chosen to certify many of them with ECOCERT/COSMOS.
Natural Index (NI) / Natural Origin Index (NOI) following the ISO 16128 standard is available upon request.

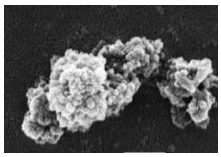
Mineral Microspheres

Microspheres made of silica or calcium silicate, ranging in size from 3 to 30 microns. Most present a high oil absorption capacity (except MSS-500/3N and MSS-500/20N) which contribute to oil and sebum control on the skin.

Name	INCI Name	NI/NOI
MSS-500	*Silica*	0 / 1
MSS-500/20N	*Silica*	0 / 1
MSS-500/3	*Silica*	0 / 1
MSS-500/3N	*Silica*	0 / 1
MSS-500/H	*Silica*	0 / 1
MSS-500/3H	*Silica*	0 / 1
MSS-500/N	*Silica*	0 / 1
MSS-500W (C)	*Silica*	0 / 1
SILICA SHELLS	*Silica*	0 / 1
EXCEBEADS™ CS-320 (C)	*Silica*	0 / 1
EXCEBEADS™ CS-725 (C)	*Silica*	0 / 1



MSS-500/3H



SILICA SHELLS

Microsphere Complex

Powder complex 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.

Name	INCI Name	NI/NOI
KoboBlur™ 100 Natural	*Silica (And) Cellulose (And) Mica (And) Barium Sulfate (And) Titanium Dioxide (And) Jojoba Esters*	0.17 / 1

Treated Microspheres

Microspheres are also available with surface treatments, which help with adding them to oil phases in formulas and enhance skin feel, adhesion and blendability.

Name	INCI Name	NI/NOI
CELLULOBEADS D-5-NPC2	*Cellulose (And) Hydrogenated Lecithin*	0 / 1
CELLULOBEADS D-5-ASG3	*Cellulose (And) Stearoyl Glutamic Acid*	0 / 1
CELLULOBEADS D-10-NJE2	*Cellulose (And) Jojoba Esters*	0 / 1
CELLULOBEADS D-10-NPC2	*Cellulose (And) Hydrogenated Lecithin*	0 / 1

(C) *Raw materials approved by COSMOS*