

NATURAL ORIGIN Surface Treatments

North America Program



Powders and pigments may be modified to make their surface water repellent (hydrophobic), oil dispersible (lipophilic), both lipophobic and hydrophobic, or hydrophilic. Other objectives of surface treating are to reduce surface activity, improve skin compatibility, physical or chemical stability and enhance pigment loading in formulas.



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.

ASGP Treatment (Amino Acid & Polyhydroxystearic Acid)

This natural, hybrid treatment renders powders hydrophobic and super-dispersible. ASGP-treated powders require minimal energy during the grinding phase, and disperse easily with a quick and uniform color development. They give a creamy feel on the skin, promote better wear and aid in pressing powders.

Name	INCI Name	NI/NOI
BWRO-ASGP3	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	0 / 1
BWYO-ASGP3	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	0 / 1
BWBO-ASGP3	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	0 / 1
BEUB-ASGP6	Ultramarines (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	0 / 1
BTD-ASGP3	Titanium Dioxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	0 / 1
BTD-100-ASGP4	Titanium Dioxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	0 / 1
TiO2 CR-50-ASGP3	Titanium Dioxide (And) Alumina (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	0 / 1
ZnO-PCC-ASGP4	Zinc Oxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	0 / 1
GMS-ASGP4	Mica (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	0.96 / 1
MICA S-ASGP3	Mica (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	0.97 / 1
A15-TiO2-SA-ASGP12	Titanium Dioxide (And) Hydrated Silica (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid (And) Aluminum Hydroxide	0 / 1
ZnO-750-ASGP6	Zinc Oxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	0 / 1
ZNO-660-ASGP7	Zinc Oxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	0 / 1
ZNO-C-ASGP4	Zinc Oxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	0 / 1

ASG Treatment (Stearoyl Glutamic Acid)

An amino acid treatment that renders powders hydrophobic and aids in full color development. Imparts a moist feeling on the skin; a creamy feel with good skin adhesion can be expected in powder formulas.



Name	INCI Name	NI/NOI
BRO-ASG3	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid	0 / 1
BYO-ASG3	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid	0 / 1
BBO-ASG3	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid	0 / 1
BTD-ASG2	Titanium Dioxide (And) Stearoyl Glutamic Acid	0 / 1
BGCO-ASG4	Chromium Oxide Greens (And) Stearoyl Glutamic Acid	0 / 1
BMV-ASG4	Manganese Violet (CI 77742) (And) Stearoyl Glutamic Acid	0 / 0.9
CELLULOBEADS D-5-ASG3	Cellulose (And) Stearoyl Glutamic Acid	0 / 1
GMS-ASG3	Mica (And) Stearoyl Glutamic Acid	0.97 / 1
MICA S-ASG3	Mica (And) Stearoyl Glutamic Acid	0.97 / 1
A10-TiO2-SA-ASG8	Titanium Dioxide (And) Aluminum Hydroxide (And) Stearoyl Glutamic Acid (And) Hydrated Silica	0 / 1
ZNO-C-ASG3J	Zinc Oxide (And) Stearoyl Glutamic Acid	0 / 1
ZNO-750-ASG5	Zinc Oxide (And) Stearoyl Glutamic Acid	0 / 1

US 9662280B2
Self-dispersible coated metal oxide powder, and process for production and use



Raw materials approved by COSMOS

KOBO

USA

BRASIL

UK

FRANCE

ASIA PACIFIC

NOE Treatment (Natural Olive Esters)

Hydrophobic, stable treatment, with low odor, imparts color, coverage and spreadability to formulas. Improves pressability: powders can be pressed without additional binders

Name	INCI Name	NI/NOI
BRO-NOE4	Iron Oxides (CI 77491) (And) Hydrogenated Olive Oil Stearyl Esters	0 / 1
BYO-NOE4	Iron Oxides (CI 77492) (And) Hydrogenated Olive Oil Stearyl Esters	0 / 1
BBO-NOE4	Iron Oxides (CI 77499) (And) Hydrogenated Olive Oil Stearyl Esters	0 / 1
BTD-NOE2	Titanium Dioxide (And) Hydrogenated Olive Oil Stearyl Esters	0 / 1
GMS-NOE4	Mica (And) Hydrogenated Olive Oil Stearyl Esters	0.96 / 1
A15-TiO2-ST-NOE8	Titanium Dioxide (And) Hydrogenated Olive Oil Stearyl Esters (And) Aluminum Hydroxide	0 / 1
MZO-35-NOE7	Zinc Oxide (And) Hydrogenated Olive Oil Stearyl Esters	0 / 1
ZNO-C-NOE4	Zinc Oxide (And) Hydrogenated Olive Oil Stearyl Esters	0 / 1

MM Treatment (Magnesium Myristate)

This is a Natural, Vegetable-derived, Magnesium Myristate Treatment. It has Hydrophobic and Lipophilic properties, is almost odorless. It provides a creamy texture, excellent pressability and good adherence to the skin. It is recommended for use in hot pours and powders.

Name	INCI Name	NI/NOI
BBO/MM3	Iron Oxides (CI 77499) (And) Magnesium Myristate	0 / 1
BRO/MM3	Iron Oxides (CI 77491) (And) Magnesium Myristate	0 / 1
BYO/MM3	Iron Oxides (CI 77492) (And) Magnesium Myristate	0 / 1
BTD/MM3	Titanium Dioxide (And) Magnesium Myristate	0 / 1
RBTD/MM3	Titanium Dioxide (And) Magnesium Myristate	0 / 1
BEUB/MM3	Ultramarines (And) Magnesium Myristate	0 / 1
BGCO/MM3	Chromium Oxide Greens (And) Magnesium Myristate	0 / 1
BHG/MM3	Chromium Hydroxide Green (And) Magnesium Myristate	0 / 1
BMV/MM3	Manganese Violet (And) Magnesium Myristate	0 / 1
BUO-JE/MM3	Iron Oxides (And) Talc (And) Magnesium Myristate	0.17 / 1
SERICITE FSL-MM3	Mica (And) Magnesium Myristate	N/A
GMS/MM3	Mica (And) Magnesium Myristate	0.97 / 1
MICA S/MM3	Mica (And) Magnesium Myristate	0.97 / 1

SIH Treatment (Silica)

Hydrophilic treatment provides less sedimentation in water, low surface activity and brighter colors.

Name	INCI Name	NI/NOI
SIH-2 BLACK No.710P	Iron Oxides (CI 77499) (And) Silica	0 / 1
SIH-2 RED No.211P	Iron Oxides (CI 77491) (And) Silica	0 / 1
SIH-2 YELLOW No.602P	Iron Oxides (CI 77492) (And) Silica	0 / 1
SIH-5 TiO2 R250	Titanium Dioxide (And) Silica (And) Aluminum Hydroxide	0 / 1

NJE Treatment (Natural Jojoba Esters)

Kobo patented hydrophobic treatment made with long chain Jojoba esters; NJE treated pigments and powders show good pressability; formulas have a creamy feel and strong affinity to the skin.

Name	INCI Name	NI/NOI
BRO-NJE2 C	Iron Oxides (CI 77491) (And) Jojoba Esters	0 / 1
BYO-NJE3 C	Iron Oxides (CI 77492) (And) Jojoba Esters	0 / 1
BBO-NJE2 C	Iron Oxides (CI 77499) (And) Jojoba Esters	0 / 1
BEUB-NJE3 C	Ultramarines (And) Jojoba Ester	0 / 1
BTD-NJE2 C	Titanium Dioxide (And) Jojoba Esters	0 / 1
BTD-100-NJE3	Titanium Dioxide (And) Jojoba Esters	0 / 1
RBTD-671-NJE2 C	Titanium Dioxide (And) Jojoba Esters	0 / 1
RBTD-P200-NJE3	Titanium Dioxide (CI 77891) (And) Jojoba Esters	0 / 1
ZnO-PCC-NJE3 C	Zinc Oxide (And) Jojoba Esters	0 / 1
SERICITE FSL-NJE5	Mica (And) Jojoba Esters	0.95 / 1
KoboMica L-27-NJE2	Mica (And) Jojoba Esters	0.98 / 1
GMS-NJE3	Mica (And) Jojoba Esters	0.97 / 1
FSL-CSO-NJE5	Calcium Starch Octenylsuccinate (And) Mica (And) Jojoba Esters	0.38 / 0.95
BCC-CSO-NJE4	Calcium Starch Octenylsuccinate (And) Calcium Carbonate (And) Jojoba Esters	0 / 0.92
ASO-NJE2	Aluminum Starch Octenylsuccinate (And) Jojoba Esters	0 / 0.98
CSO-NJE5	Calcium Starch Octenylsuccinate (And) Jojoba Esters	0 / 1
A10-TiO2-SA-NJE14	Titanium Dioxide (And) Aluminum Hydroxide (And) Hydrated Silica (And) Jojoba Esters	0 / 1
A15-TiO2-SA-NJE12	Titanium Dioxide (And) Jojoba Esters (And) Hydrated Silica (And) Aluminum Hydroxide	0 / 1
A15-TiO2-SX-NJE8 C	Titanium Dioxide (And) Silica (And) Jojoba Esters	0 / 1
TTO-NJE8 C	Titanium Dioxide (And) Alumina (And) Jojoba Esters	0 / 1
MT-500B-NJE5-E	Titanium Dioxide (And) Jojoba Esters (And) Stearic Acid	0 / 1
ZnO-750-NJE7	Zinc Oxide (And) Jojoba Esters	0 / 1
ZnO-C-NJE3	Zinc Oxide (And) Jojoba Esters	0 / 1

US 8623386B2, WO 2009126859, JP 8506995

Natural ester, wax or oil treated pigment, process for production thereof, and cosmetic made therewith

NPC Treatment (Hydrogenated Lecithin)

This natural, Non-GMO Hydrogenated Lecithin treatment, is hydrophobic yet moisturizing. It provides a highly creamy feel and good affinity to the skin. The recommended applications are Emulsions, hot pours, powders, anhydrous gels.

Name	INCI Name	NI/NOI
GMS-NPC2	Mica (And) Hydrogenated Lecithin	0.98 / 1
MICA S-NPC	Mica (And) Hydrogenated Lecithin	0.99 / 1
CELLULOBEADS D-10-NPC2	Cellulose (And) Hydrogenated Lecithin	0 / 1
CELLULOBEADS D-5-NPC2	Cellulose (And) Hydrogenated Lecithin	0 / 1



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Ingredients of Natural Origin

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