Ingredients of Natural Origin
North America Program

Surface Treatments

NJE Treatment (Jojoba Ester) - Kobo’s patented process enables pigment particles to be rendered hydrophobic with this treatment. This treatment offers a creamy feel, good pressability and good affinity to the skin. 
- BBO-NJE2+: Iron Oxides (CI 77499) (And) Jojoba Esters
- BRO-NJE2+: Iron Oxides (CI 77499) (And) Jojoba Esters
- BTD-NJE2+: Titanium Dioxide (And) Jojoba Esters
- BYO-NJE3+: Iron Oxides (CI 77492) (And) Jojoba Esters
- BEUB-NJE3+: Ultramarines (And) Jojoba Esters
- KoboMica L-27-NJE2: Mica (And) Jojoba Esters
- RBDT-671-NJE2+: Titanium Dioxide (And) Jojoba Esters
- TALC N-NJE2: Talc (And) Jojoba Esters

Note: NJE Treatment Patent # US 8623386 B2
Natural Esters, Wax or Oils Treated Pigment, Process for Production Thereof, and Cosmetic Made Therewith

ASG Treatment (Stearoyl Glutamic Acid) - An amino acid coating that renders pigments hydrophobic. This treatment imparts a moist feel on the skin and aids in full color development. A creamy feel with good skin adhesion can be expected in powders.
- BBO-ASG3: Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid
- CGO-ASG4: Chromium Oxide Greens (And) Stearoyl Glutamic Acid
- BMV-ASG4: Manganese Violet (CI 77424) (And) Stearoyl Glutamic Acid
- BRO-ASG3: Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid
- BYO-ASG3: Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid
- BTD-ASG2+: Titanium Dioxide (And) Stearoyl Glutamic Acid

ASL Treatment (Gemini Type Amphiphilic Amino Acid) - This treatment is hydrophobic, and can contribute water proofness to formulations while providing a moisturizing effect and good feel.
- ASL-1 BLACK BL-100P+: Iron Oxides (CI 77499) (And) Sodium Lauryl Glutamate (And) Lysine (And) Magnesium Chloride
- ASL-1 M2-500: Zinc Oxide (And) Sodium Lauryl Glutamate (And) Lysine (And) Magnesium Chloride
- ASL-1 RED R-516P+: Iron Oxides (CI 77491) (And) Sodium Lauryl Glutamate (And) Lysine (And) Magnesium Chloride
- ASL-1 SERICITE FSE: Mica (And) Sodium Lauryl Glutamate (And) Lysine (And) Magnesium Chloride
- ASL-1 TALC JA-46R: Talc (And) Sodium Lauryl Glutamate (And) Lysine (And) Magnesium Chloride
- ASL-1 TIO, CR-50*: Titanium Dioxide (And) Aluminum Hydroxide (And) Sodium Lauryl Glutamate (And) Lysine (And) Magnesium Chloride
- ASL-1 YELLOW LL-100P+: Iron Oxides (CI 77492) (And) Sodium Lauryl Glutamate (And) Lysine (And) Magnesium Chloride

SIH Treatment (Silica) - This silica treatment’s advantages include hydrophilicity, less sedimentation in water, less surface activity and brighter color.
- SIH-2 BLACK No.211P+++: Iron Oxides (CI 77491) (And) Silica
- SIH-2 BLACK No.710P+++: Iron Oxides (CI 77499) (And) Silica
- SIH-2 YELLOW No.602P+++: Iron Oxides (CI 77492) (And) Silica
- SIH-5 TIO, R250: Titanium Dioxide (And) Silica (And) Aluminum Hydroxide

SMS Treatment (Glycolipids) - This treatment’s is completely plant (olive oil) origin and has benefits such as creamy texture, excellent skin adhesion and hydrophilicity.
- SMS-1 BLACK No.100+: Iron Oxides (CI 77499) (And) Glycolipids
- SMS-1 MICA S+: Mica (And) Glycolipids
- SMS-1 SERICITE S+: Mica (And) Glycolipids
- SMS-1 TIO, R250: Titanium Dioxide (And) Aluminum Hydroxide (And) Glycolipids

Specialties

Dispersion - Non-nano water dispersion of natural charcoal; gives absorbency properties
- WD-VCB 25: Water (And) Charcoal Powder (And) Polylactic acid-10 Stearate (And) Polyglycerin-10 (And) Polyglyceryl-10 Myristate (And) Sodium Dehydroacetate (And) Citric Acid

Emulsifiers - Vegetable-based, PEG-free, W/O emulsifier, that provides light and silky-smooth non-greasy feel.
- MAXIBASE SEB+++: Polylactic acid Polycricinoleate (And) Polylactic-3 Disostearate

Fibers (Bulking) - Light, Bulky, ground fiber used for high oil absorption, water repellency (MST) and excellent soft focus effect
- SILK COTTON PW+++: Celbina Pentandra Fiber Powder
- MCT-8 SILK COTTON PW: Cellulose (And) Magnesium Stearate

Fibers (Mascara) - Helps to provide length and/or volume.
- CELL-U-LASH™ 40: Cellulose
- CELL-U-LASH™ 90: Cellulose

Fillers - Vegetable origin for natural concept.
- CELLULOFLAKE: Cellulose

Gellants - Thixotropic thickeners for sprayable gel with emulsifying properties. A surfactant free and novel water proof O/W emulsion.
- MOISPRAY C+++: Microcrystalline Cellulose (And) Cellulose Gum

Pigment - Provides deep, black shade. Primarily used in mascara.
- BLACK NF+: Iron Oxides (CI 77499)

Powder - Non-nano absorbing agent.
- CHARCOPOWDER: Charcoal Powder

Scrubbing Beads - Natural spherical beads that are used primarily for exfoliation.
- CELLULOBEADS D-200+++: Cellulose
- CELLULOBEADS D-500: Cellulose

Surfactants - Optimized combination of vegetable-origin surfactants used to solubilize many different oils in water.
- MAKIGREEN LCS+++: Caprylyl/ Capryl Glucoside (And) Polyglyceryl-10 Isostearate (And) Sodium Dilauroamidoglucomelate Lysine

Waxes - Natural wax that provides smooth, velvety skin feel and can help stabilize and thicken emulsions.
- MAKIGREEN VELVET WAX: Vegetable Oil (Oils Oil) (And) Oryza Sativa (Rice) Bran Oil (And) Oryza Sativa (Rice) Bran Wax (And) Rhus Suckedean Fruit Wax (And) Helianthus Annuus (Sunflower) Seed Oil

Technical Literature ref NatNA-005 - July 18, 2017
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### Pigmentary Dispersions

- **GGC50TR5G**: Iron Oxides (CI 77491) (And) Caprylic/Capric Triglyceride (And) Polyglyceryl-3 Dilisostearate
- **GGC50TY5G**: Iron Oxides (CI 77492) (And) Caprylic/Capric Triglyceride (And) Polyglyceryl-3 Dilisostearate (And) Stearoyl Glutamic Acid
- **ODS5YJE**: Iron Oxides (CI 77492) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin
- **OD75CEJ**: Titanium Dioxide (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin
- **OD75RJE**: Iron Oxides (CI 77491) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin
- **OD75BJE**: Iron Oxides (CI 77499) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin

### Microspheres

Due to their optical blurring properties these naturally derived spherical powders will diminish the look of fine lines on the skin while enhancing the feel of your product.

- FLORITE PS-10: Calcium Silicate
- FLORITE R: Calcium Silicate
- MSS-500: Silica
- MSS-500/20N: Silica

### Natural Polymer

These hydrophilic spheres can help retain moisture on the skin while providing cushion in your formula. They will swell in the presence of water and oil while absorbing 1.5g of water and 0.7g oil to every 1g of material.

- MAKIBEADS ECO D-1: Polyactic Acid (And) Polyglyceryl-5 Laurate
- MAKIBEADS ECO D-5++: Polyactic Acid
- CELLULOBEADS D-5: Cellulose
- CELLULOBEADS D-10: Cellulose
- CELLULOBEADS D-30: Cellulose

### Sunscreen Technologies

**SPF Booster**: Mixture containing a proprietary ratio of natural antioxidant, anti-irritant and anti-inflammatory agents; achieves greater than 30% increase in SPF and PFA results when used in conjunction with inorganic UV filters.

- SunBoost ATB™ Natural+++:
  - Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol

### Micronized ZnO & TiO2 Dispersions & Powders

- KoboBlur™ 100 Natural: Silica (And) Cellulose (And) Mica (And) Barium Sulfate (And) Titanium Dioxide (And) Jojoba Esters
- CELLULOBEADS D-10-PC2: Cellulose (And) Hydrogenated Lecithin

### Note: NJE Treatment

- A10-TIO-.5A-ASG8: Titanium Dioxide (Aluminum Hydroxide) (And) Stearoyl Glutamic Acid (And) Hydrated Silica
- A15-TIO-.5NJE10: Titanium Dioxide (Aluminum Hydroxide) (And) Hydrated Silica (And) Jojoba Esters
- CAQ53TELJ: Titanium Dioxide (And) Coconut Alkanes (And) Alumina (And) Jojoba Esters (And) Polyhydroxystearic Acid (And) Caprylic/Caprate/Caprate (And) Silica
- EMPSOTEL: Titanium Dioxide (And) Ethyl Macadamiate (And) Silica (And) Alumina (And) Stearic Acid (And) Polyhydroxystearic Acid
- GC70MZC5G+: Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Jojoba Esters (And) Glyceryl Behenate/Eicosenoate
- GC70MVC5G+: Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Stearoyl Glutamic Acid (And) Glyceryl Behenate/Eicosoate
- GC70MVZC5G+: Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Jojoba Esters (And) Alumina (And) Silica (And) Polyhydroxystearic Acid
- JOP80MCZ+: Zinc Oxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Polyhydroxystearic Acid (And) Jojoba Esters
- JOP80MCZ+: Zinc Oxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Polyhydroxystearic Acid (And) Jojoba Esters
- ZnO-750-S: Zinc Oxide (And) Stearoyl Glutamic Acid
- ZnO-750-NE: Zinc Oxide (And) Jojoba Esters
- ZnO-750-NE7: Zinc Oxide (And) Jojoba Esters

### ZnO & TiO2, Dispersions & Powders

- ZnO-750-S: Zinc Oxide (And) Stearoyl Glutamic Acid
- ZnO-750-NE: Zinc Oxide (And) Jojoba Esters