

FORMULARY

in-cosmetics Korea 2018

KOBO

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KSL-321A-EU Mineral Sunscreen



%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
35.00	GCO45TV	Titanium Dioxide (And) Caprylic/Capric Triglyceride (And) Sorbitan Olivatate (And) Stearic Acid (And) Aluminum Hydroxide	Kobo Products
26.00	GCP50ZSI	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane	Kobo Products
4.00	Dehymuls® PGPH	Polyglyceryl-2 Dipolyhydroxystearate	BASF/ AMI Chimie
3.00	Vegetlight 1214 LC	Coconut Alkanes (And) Coco-Caprylate/Caprates	BioSynthis
3.00	DPPG CG	Propylene Glycol Dipelargonate	Gattefosse
2.00	Crodamol™ ML	Myristyl Lactate	Croda
1.00	Olivem® 900	Sorbitan Olivatate	Grant Industries, Inc.
0.20	Microcare® PHD	Phenoxyethanol (and) Chlorphenesin (and) Glycerin	Thor Personal Care
Part 2			
22.40	Deionized Water	Water	
Part 3			
2.00	Glycérine Codex 99,5%	Glycerin	Interchimie
0.10	Keltrol® CG	Xanthan Gum	CP Kelco
Part 4			
0.70	Magnesium Sulphate Heptahydrate	Magnesium Sulfate	Acros Organics
0.50	Sodium Chloride	Sodium Chloride	Acros Organics
Part 5			
0.10	Vitamin E Acetate Oil USP, FCC	Tocopheryl Acetate	BASF
100.00			

Description:

This high SPF, Mineral Only Sunscreen features Kobo's TiO2 and ZnO Dispersions. GCO45TV provides high UVB protection while GCP50ZSI offers protection against UVA to achieve a broad spectrum formula with an elegant feel.

Manufacturing Procedure:

1. Combine Part 1 and heat to 75°C.
2. Disperse Part 3 into Part 2.
3. Add Part 4 to water phase.
4. Heat water phase to 75°C.
5. Slowly Add water phase into Part 1 and homogenize at 6000 rpm for 2 min.
6. Add Part 5 at temperature below 40°C.

Active Ingredient(s):

Zinc Oxide	12.22%
Titanium Dioxide	12.95%

Testing:

SPF: in vivo on 3 subjects

Notes:

Note 3 person in vivo test results: SPF 60





KSL-359B

(Natural) Zinc Oxide Anhydrous Cream/Balm



%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
33.93	Protachem CTG	Caprylic/Capric Triglyceride	Protameen
23.00	JOSP55XZJ	Zinc Oxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Polyhydroxystearic Acid (And) Jojoba Esters	Kobo Products
22.77	GCP50ZSI **	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Polyhydroxystearic Acid (And) Triethoxycaprylsilane**	Kobo Products
5.00	SunBoost ATB™ Natural	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
Part 2			
6.50	Pelemol® HCO	Hydrogenated Castor Oil	Phoenix Chemicals
0.50	Plandool™-LG3	Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate	Nippon/Kobo Products
0.50	Plandool™-LG1	Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate	Nippon/Kobo Products
Part 3			
7.00	CELLULOBEADS D-10	Cellulose	Daito/Kobo Products
0.75	FLORITE R	Calcium Silicate	Tomita/Kobo Products
Part 4			
0.05	CE-181668	Amyl Cinnamic Aldehyde	Custom Essence
100.00			

Description:

This anhydrous Zinc Oxide Balm offers minimal whitening to the skin and leaves a powdery, non-greasy after feel. Kobo dispersions JOSP55XZJ and GCP50ZSI provide a UVB/UVA balanced blend of SPF-30 broad spectrum protection. SunBoost ATB™ Natural is a proprietary blend of natural ingredients that boosts SPF efficacy. PLANDOOL™-LG1 and PLANDOOL™-LG3 provide skin barrier moisture protection and waterproofing properties. CELLULOBEADS D-10 gives the product a cushiony powdery afterfeel while also giving oil absorption properties. FLORITE R is an excellent oil absorber, even at low percentages.

** Kobo's criteria for the classification of a "Natural" formula: Formula must contain less than 5% of ingredients not listed under the NPA Natural standard. GCP50ZSI contains less than 5% of Triethoxycaprylsilane.

Manufacturing Procedure:

1. With moderate propeller mixing, heat Part 1 to 85-90°C.
2. Add Part 2 to Part 1 and continue mixing for 20 minutes until the batch is smooth and uniform.
3. Turn off heat and add Part 3, one ingredient at a time, with moderate propeller mixing.
4. When batch reaches 75°C, add Part 4. Propeller mix for 5-10 minutes.
5. Drop batch between 70-75°C. (Any lower drop temperature may cause product to appear grainy.)

Active Ingredient(s):

Zinc Oxide 22.70%

Testing:

SPF: in vivo on 3 subjects
CW: FDA method

Notes:

Kobo's definition of a natural formula: Formula contains less than 5% of ingredients not listed under the NPA Natural Standard. GCP50ZSI contains less than 5% Triethoxycaprylsilane.



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KSL-330B

Water-Less, Natural Sunscreen



%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
20.80	JOJOBA OIL	Simmondsia Chinensis (Jojoba) Seed Oil	Vantage
10.00	Protachem™ CTG	Caprylic/Capric Triglyceride	Protameen
5.00	SunBoost ATB™ Natural	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
5.00	Liponate® IPM	Isopropyl Myristate	Vantage
5.00	JOS10M5	Simmondsia Chinensis (Jojoba) Seed Oil (And) Silica	Kobo Products
3.50	Lanette O	Cetearyl Alcohol	Cognis
3.00	Glycerin U.S.P. F.C.C. 96%	Glycerin	Ruger Chemical Co., Inc.
2.00	Shea Butter	Shea Butter	Cognis Corp
1.50	MANGO BUTTER	Mangifera Indica (Mango) Seed Butter	RITA
1.00	Dermofat 4919	Stearic Acid	Alzo Chemical
Part 2			
23.00	GCP55TJ	Titanium Dioxide (And) Caprylic/Capric Triglyceride (And) Jojoba Esters (And) Polyhydroxystearic Acid	Kobo Products
12.00	GCO50XZJ	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Sorbitan Olivatate (And) Jojoba Esters	Kobo Products
Part 3			
6.50	CELLULOBEADS D-10	Cellulose	Daito/Kobo Products
1.00	Lexgard® E	Ethylhexylglycerin	Inolex Chemical Company
0.70	FLORITE PS-10	Calcium Silicate	Tomita/Kobo Products
100.00			

Description:

This natural anhydrous sunscreen showcases a Korean trend of Water-Free formulas and uses natural oils as the base. This Water-Less formula features JOS10M5 Kobo's Fumed Silica Gellant in Jojoba Oil, which helps give structure and emolliency. Titanium Oxide and Zinc Oxide dispersions, GCP55TJ and GCO50XZJ give the formula SPF protection. It also features SunBoost ATB™ Natural, which contains a proprietary ratio of anti-oxidant, anti-irritant, and anti-inflammatory agents, leaving a moisturizing feel to the skin. Microspheres, CELLULOBEADS D-10 and FLORITE PS-10 help absorb oil, give soft focus and enhance the feel.

Manufacturing Procedure:

1. In main beaker add Part 1 and heat until waxes are melted.
2. Add Part 2 to Part 1 and mix until uniform.
3. Start cooling and add Part 3.

Active Ingredient(s):

Zinc Oxide 5.70%
Titanium Dioxide 12.02%

Testing:

SPF: in vivo on 3 subjects
CW: FDA method



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KSL-331C Soft Touch Sunscreen



%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
8.10	Deionized Water	Water	
2.00	Butylene Glycol	Butylene Glycol	Ruger Chemical
0.50	Gs-GT	Water (And) Camellia Sinensis Leaf Extract (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Phenoxyethanol (And) Parabens (And) Hydrogenated Lecithin	Kobo Products
0.50	PHENOXYETOL	Phenoxyethanol	Clariant
0.50	Gs-VE	Water (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Phenoxyethanol (And) Tocopherol (And) Parabens (And) Hydrogenated Lecithin	Kobo Products
0.25	Sodium Chloride	Sodium Chloride	Morton Salt
0.15	ALLANTOIN	Allantoin	ISP
Part 2			
33.00	CM3K40T4	Cyclopentasiloxane (And) Titanium Dioxide (And) PEG-10 Dimethicone (And) Alumina (And) Hydrogen Dimethicone	Kobo Products
22.00	CM3K65FZS	Zinc Oxide (And) Cyclopentasiloxane (And) PEG-10 Dimethicone (And) Triethoxycaprylylsilane	Kobo Products
15.50	KF-995	Cyclopentasiloxane	Shin-Etsu
5.00	SunBoost ATB™	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
3.00	Xiameter Silicone Fluid 50 cs	Dimethicone	Dow Corning
3.00	SALACOS® 99	Isononyl Isononanoate	Ikeda Corporation
1.00	KF-6104	Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone	Shin-Etsu
0.50	Bentone® Luxe WS	Cyclopentasiloxane (and) PEG-10 Dimethicone (and) Distearidimonium Hectorite	Elementis Specialties
Part 3			
5.00	EA-209	Ethylene/Acrylic Acid Copolymer	Kobo Products
100.00			

Description:

This light feeling shaker ball sunscreen features TiO2 dispersion CM3K40T4 and ZnO dispersion CM3K65FZS to give SPF protection. SunBoost ATB™, which contains a proprietary ratio of anti-oxidant, anti-irritant and anti-inflammatory agents, helps boost SPF. Glycospheres Gs-VE (Tocopherol) and Gs-GT (Green Tea Polyphenols) add skin care benefits to the formula. Microsphere EA-209 helps give the formula a dry slip after feel as well as soft focus effect.

Manufacturing Procedure:

1. In side beaker, add Part 1 and mix until uniform.
2. In main beaker, add Part 2 and homogenize.
3. Add Part 1 to Part 2 and mix under homogenizer.
4. Slowly add Part 3 under homogenizer.

Active Ingredient(s):

Titanium Dioxide	10.61%
Zinc Oxide	13.73%

Testing:

SPF: in vivo on 3 subjects
CW: FDA method





KLF-182B

KoboGel™ D5-B Medium Liquid Foundation

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
28.90	KoboGel™ D5-B Medium	Pigmented Silicone Gel	Kobo Products
28.90	CXG-1103	Cyclopentasiloxane (And) Cyclohexasiloxane (And) Dimethicone/Vinyl Dimethicone Crosspolymer	Avantor/Kobo Products
6.00	Dermol 25B	C12-15 Alkyl Benzoate	Alzo Chemical
5.90	KF-6040	Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone	Shin-Etsu
0.10	Propyl Paraben NF	Propylparaben	International Sourcing
Part 2			
18.90	Deionized Water	Water	
7.90	Butylene Glycol	Butylene Glycol	Pride Solvents & Chemicals Co. of NJ, Inc.
0.65	Sodium Chloride	Sodium Chloride	Morton Salt
0.40	Polysorbate 20	Polysorbate 20	RITA
0.15	Methyl Paraben NF	Methylparaben	International Sourcing
0.10	Trisodium EDTA	Trisodium EDTA	Protameen
0.10	ALLANTOIN	Allantoin	ISP
Part 3			
1.50	MSS-500/N	Silica	Kobo Products
0.50	FLORITE PS-10	Calcium Silicate	Tomita/Kobo Products
100.00			

Description:

This W/Si Liquid Foundation features KoboGel™ D5-B Medium. KoboGel™ D5-B is a series of pre-dispersed color concentrates in a special elastomer gel matrix, available in light, medium, and dark combinations. It not only aids in color matching by simplifying color additions into formulations but also enriches formulas with a silky, spreadable feel. Further contributing to the texture is CXG-1103, a high purity elastomer gel. MSS-500/N is a spherical silica Microsphere that offers the formula a ball bearing effect, helps to provide increased payoff upon application, and gives the formula a silky texture. FLORITE PS-10 helps absorb oil, give soft focus and enhance the feel.

Manufacturing Procedure:

1. Combine all Part 1 ingredients and homogenize until fully dispersed.
2. Add Part 2 fully mixed to the dispersed Part 1.
3. Add Part 3 while prop mixing.





KLF-228-BR Total Protection Foundation



%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
29.20	Deionized Water	Water	
2.00	Glycerin	Glycerin	CAAL
0.80	Cloreto de Sódio	Sodium Chloride	CAAL
0.50	CosmeHerbest™ SEABERRY	Water (And) Propanediol (And) Hippophae Rhamnoides Fruit Extract	Ikeda/Kobo Products
Part 2			
17.00	INH73MZ	Zinc Oxide (And) Isononyl Isononanoate (And) Polyglyceryl-6 Polyricinoleate (And) Isopropyl Titanium Triisostearate	Kobo Products
9.00	INP60T7	Titanium Dioxide (And) Isononyl Isononanoate (And) Alumina (And) Hydrogen Dimethicone (And) Polyhydroxystearic Acid	Kobo Products
8.00	Xiameter PMX-0245	Cyclopentasiloxane	Dow Corning
5.00	TiO2-IR300-11S2	Titanium Dioxide (And) Triethoxycaprylylsilane	Kobo Products
5.00	SALACOS® 99	Isononyl Isononanoate	Ikeda/Kobo Products
4.40	BTD-ASG2	Titanium Dioxide (And) Stearoyl Glutamic Acid	Kobo Products
4.00	Bentone Gel VS-5 PC V	Cyclopentasiloxane (And) Distearidimonium Hectorite (And) Propylene Carbonate	Elementis/Cosmotec
3.00	KF-6017	PEG-10 Dimethicone	Shin-Etsu
1.50	SunBoost ATB™	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
1.13	BYO-ASG3	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid	Kobo Products
1.00	Optiphen	Caprylyl Glycol (And) Phenoxyethanol	Cosmotec
1.00	Liposorb® O	Sorbitan Oleate	Vantage
0.30	BRO-ASG3	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid	Kobo Products
0.17	BBO-ASG3	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid	Kobo Products
Part 3			
5.00	COMPOSITE ACT-50	Titanium Dioxide (And) Acrylates Copolymer (And) Hydrated Silica (And) Algin (And) Aluminum Hydroxide	Kobo Products
2.00	DAIMICBEAZ CM-1157	HDI/Trimethylol Hexyllactone Crosspolymer (And) Silica Silylate	Kobo Products
100.00			

Description:

This foundation was developed to protect the skin from UVA, UVB and IR radiation, pollution and free radicals. The SPF/PFA is provided by Zinc and Titanium dispersions, INH73MZ and INP60T7, and COMPOSITE ACT-50, a micron size Acrylates Copolymer matrix with TiO2 entrapped. TiO2-IR300-11S2 is an acicular titanium dioxide that has the capacity to block IR radiation. CosmeHerbest™ SEABERRY, is an extract that reduces skin irritation and has a moisturizing effect. SunBoost ATB™, a proprietary ratio of anti-oxidants, anti-irritant and anti-inflammatory agents, helps boost SPF and PFA. ASG treated pigments are coated with an amino acid with a very creamy feel. DAIMICBEAZ CM-1157 is a microsphere that gives soft focus and enhanced feel. SALACOS® 99 is a light ester that increases spreadability.

Transmittance in the infrared IR-A was measured for formulation KLF-228-BR verses a control. KLF-228-BR contained the same ingredients as the control plus the addition of 5% TiO2 IR300-11S2, an IR-A blocker. The 5% addition of the IR-A blocker improved the attenuation in the IR-A range significantly as it had a much lower transmittance. Transmittance curves/data can be provided upon request.

Manufacturing Procedure:

1. Combine Part 1.
2. Mix Part 2 at 800 rpm until complete dispersion of the pigments and TiO2-IR300-11S2.
3. Add Part 1 to Part 2 while mixing.
4. Add Part 3 and mix at 400 rpm.

Active Ingredient(s):

Zinc Oxide	12.07%
Titanium Dioxide	9.20%

Testing:

SPF: in vivo on 3 subjects
UVA-PF: in vitro method
CW: FDA method





KLF-236 Natural Stick Foundation

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
27.17	Protachem™ CTG	Caprylic/Capric Triglyceride	Protameen
12.00	CASTOR OIL	Ricinus Communis (Castor) Seed Oil	Arista Industries, Inc.
9.00	JOS10M5	Simmondsia Chinensis (Jojoba) Seed Oil (And) Silica	Kobo Products
3.00	Florasun® 90	Helianthus Annuus (Sunflower) Seed Oil	BASF
3.00	Candelilla Wax SP-75	Euphorbia Cerifera (Candelilla) Wax	Strahl & Pitsch
3.00	Beeswax White Sp 422P	Beeswax	Strahl & Pitsch
3.00	Shea Butter	Shea Butter	BASF
2.00	MAKIGREEN OO	Vegetable Oil	Daito/Kobo Products
2.00	Carnauba Wax SP 63P	Copernicia Cerifera (Carnauba) Wax	Strahl & Pitsch
0.50	DL-Alpha Tocopheryl Acetate	Tocopheryl Acetate	DSM
0.50	Lexgard® Natural	Glyceryl Caprylate (And) Glyceryl Undecylenate	Inolex
Part 2			
11.50	TALC AJM	Talc	Kobo Products
10.00	MSS-500W	Silica	Kobo Products
8.35	BTD-ASG2	Titanium Dioxide (And) Stearoyl Glutamic Acid	Kobo Products
2.00	MSS-500/3H	Silica	Kobo Products
1.94	BYO-ASG3	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid	Kobo Products
0.62	BBO-ASG3	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid	Kobo Products
0.42	BRO-ASG3	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid	Kobo Products
100.00			

Description:

This natural foundation stick features Kobo's ASG treated pigments to help offer good adhesion of color onto the skin as well as giving it a creamy feel. Fumed Silica, JOS10M5 helps with the structure and emolliency. MAKIGREEN OO, a light, non-greasy emollient offers conditioning properties to the formula. TALC AJM is used as a filler and helps with coverage. MSS-500W helps with soft focus. MSS-500/3H is added for better pigment pay off and non-oily feel.

Manufacturing Procedure:

1. In blender, add Part 2 and blend until color is developed.
2. In main beaker, add Part 1 and heat to 80°C.
3. Slowly add Part 2 to Part 1 and mix under propeller until fully uniform.
4. Pour into stick component at 70-75°C.





KMU-018E

Color Correcting Stick- Pastel Blue

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
27.00	Dermol 1818	Isotrearyl Isostearate	Alzo International Inc.
16.50	Protachem™ CTG	Caprylic/Capric Triglyceride	Protameen
5.00	SW5M5	Synthetic Wax (And) Silica	Kobo Products
5.00	CIO	Cetyl Ethylhexanoate	Barnet
3.00	Candelilla Wax MK-2	Euphorbia Cerifera (Candelilla) Wax	Strahl & Pitsch
3.00	Beeswax White Sp 422P	Beeswax	Strahl & Pitsch
2.00	Xiameter® PMX-200 SILICONE FLUID 1000 CS	Dimethicone	Dow Coming
1.00	SF1642	C30-45 Alkyl Dimethicone	Momentive
0.50	BV-OSC	Tetrahexyldecyl Ascorbate	Barnet
Part 2			
19.00	KoboMica Y-08	Mica	Kobo Products
10.00	Diasphere® KS-1000	Polymethylsilsesquioxane	Kolon/Kobo Products
7.00	BTD-ASG2	Titanium Dioxide (And) Stearoyl Glutamic Acid	Kobo Products
0.50	Microcare® PPD	Talc (And) Phenoxyethanol (And) Decylene Glycol (And) Hydrated Silica	Thor Personal Care
0.50	BLUE 1AL-ASG4	Blue 1 Lake (And) Stearoyl Glutamic Acid	Kobo Products
100.00			

Description:

Color Correcting Concealer Stick in Pastel Blue is to help brighten and correct orange undertones. It features Kobo's fumed silica gellant SW5M5 to give the formula the ability to glide upon application under the eye. It also features Kobo's ASG treated pigments, BLUE 1AL-ASG4 and BTD-ASG2 to help offer good adhesion of color onto the skin. KoboMica Y-08 helps give the concealer a nice, dry after feel. Microsphere Diasphere® KS-1000 will also give the formula a dry after feel as well as slip and a soft focus effect, perfect for under the eyes.

Manufacturing Procedure:

1. Place Part 1 in a beaker and heat to 80°C.
2. Add Part 2 and micropulverize on low until color is fully developed and fully homogeneous.
3. Add Part 2 to Part 1 and mix until fully uniform.
4. Pour into stick component at 65-70°C.



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KPP-056

Oil Absorbing Natural Pressed Powder with FLORITE R

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
40.00	TALC N-NJE2	Talc (And) Jojoba Esters	Kobo Products
39.18	GMS-NJE3	Mica (And) Jojoba Esters	Kobo Products
7.00	RBTD-671-NJE2	Titanium Dioxide (And) Jojoba Esters	Kobo Products
5.00	FLORITE R	Calcium Silicate	Tomita/Kobo Products
1.00	BYO-NJE3	Iron Oxides (CI 77492) (And) Jojoba Esters	Kobo Products
0.86	BRO-NJE2	Iron Oxides (CI 77491) (And) Jojoba Esters	Kobo Products
0.50	Lexgard® Natural	Glyceryl Caprylate (And) Glyceryl Undecylenate	Inolex Chemical Company
0.46	BBO-NJE2	Iron Oxides (CI 77499) (And) Jojoba Esters	Kobo Products
Part 2			
6.00	Jojoba Oil	Simmondsia Chinensis (Jojoba) Seed Oil	Desert Whale Jojoba Co., Inc.
100.00			

Description:

This natural powder foundation features FLORITE R (Calcium Silicate 20 - 30 micron), a high oil-absorbing powder and Kobo's Jojoba Ester-treated pigments and powders to give great feel, even application, and good adherence on the skin, contributing to long wear.

Manufacturing Procedure:

1. Blend Part 1 through pulverizer until color is fully developed.
2. Add Part 2 and blend well.
3. Press at 300 psi.

Notes:

This formula may contain less than 5% of ingredients not listed on the NPA positive list.





KPP-104A

Creamy Pressed Powder with KoboBlur™ 100 Natural

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
70.48	GMS-ASG3	Mica (And) Stearoyl Glutamic Acid	Kobo Products
10.00	KoboBlur™ 100 Natural	Silica (And) Cellulose (And) Mica (And) Barium Sulfate (And) Titanium Dioxide (And) Jojoba Esters	Kobo Products
7.00	BTD-ASG2	Titanium Dioxide (And) Stearoyl Glutamic Acid	Kobo Products
2.20	ZINC MYRISTATE	Zinc Myristate	Kobo Products
1.00	BYO-ASG3	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid	Kobo Products
0.86	BRO-ASG3	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid	Kobo Products
0.46	BBO-ASG3	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid	Kobo Products
Part 2			
2.50	Xiameter® PMX-200 Silicone Fluid 20CS	Dimethicone	Dow Corning
2.50	Lexol® PG-865	Propylene Glycol Dicaprylate/Dicaprate	Inolex Chemical Company
2.00	Xiameter® PMX-200 Silicone Fluid 350 CS	Dimethicone	Dow Corning
1.00	SS4267	Dimethicone (And) Trimethylsiloxy silicate	Momentive
100.00			

Description:

This pressed powder applies smoothly as a result of Kobo's ASG treated materials to provide a soft, velvet-like feel in combination with KoboBlur™ 100 Natural to enhance product payoff. KoboBlur™ 100 Natural gives a soft powdery after feel with soft focus effect. Powder compressibility is addressed with dry binder, ZINC MYRISTATE.

Manufacturing Procedure:

1. Micropulverize Part 1 until color is fully developed.
2. Add Part 2 to Part 1.
3. Blend well.
4. Press at 700 psi.





KPP-105A-BR

Super Creamy Pressed Powder

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
85.30	TALC AJM	Talc	Kobo Products
3.00	BTD-401	Titanium Dioxide (And) Isopropyl Titanium Triisostearate	Kobo Products
2.00	CARESS® BN06	Boron Nitride	Kobo Products
2.00	BYO-I2	Iron Oxides (CI 77492) (And) Isopropyl Titanium Triisostearate	Kobo Products
1.50	ZINC MYRISTATE	Zinc Myristate	Kobo Products
0.66	BRO-I2	Iron Oxides (CI 77491) (And) Isopropyl Titanium Triisostearate	Kobo Products
0.34	BBO-I2	Iron Oxides (CI 77499) (And) Isopropyl Titanium Triisostearate	Kobo Products
0.10	Propilparabeno	Propylparaben	Cosmotec
0.10	Metilparabeno	Metylparaben	Cosmotec
Part 2			
3.50	SALACOS® P-8	Ethylhexyl Palmitate	Ikeda/Kobo Products
1.50	Xiameter PMX-200 Silicone Fluid 50CS	Dimethicone	Dow Corning
100.00			

Description:

This economical pressed powder features ITT treated pigments and Mica that give great feel and adherence on the skin. Kobo's TALC AJM is an odorless, fine, white powder with anti-caking properties to improve feel. ZINC MYRISTATE works as a dry binder due to its good pressability. SALACOS® P-8 acts as liquid binders and helps to achieve an enhanced feel. CARESS® BN06 gives a creamy and luxurious feel.

Manufacturing Procedure:

1. Blend Part 1 until the pigments are fully dispersed
2. Add Part 2 drop by drop and mix well until the binders are dispersed.
3. Pass the bulk through the sieve 2 times.
4. Press at 500psi.

Notes:

KPP-105-BR has EA-209 and version A has CARESS® BN06





KEL-004B

Waterproof Gel Eyeliner

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
28.00	Deionized Water	Water	
Part 2			
5.00	PROPYLENE GLYCOL	Propylene Glycol	DeWolf Chemicals
0.35	Veegum®	Magnesium Aluminum Silicate	RT Vanderbilt
0.06	Natrosol® 250 HHR CS	Hydroxyethylcellulose	Ashland
0.06	Keltrol® CG	Xanthan Gum	CP Kelco
Part 3			
0.80	PHENOXYETOL	Phenoxyethanol	Essential Ingredients
Part 4			
0.50	PROPYLENE GLYCOL	Propylene Glycol	DeWolf Chemicals
0.05	AQUA KEEP 10SH-NFC	Sodium Acrylates Crosspolymer-2	Sumitomo Seika/Kobo Products
Part 5			
27.68	KOBOGUARD® 50AMP	Acrylates/Ethylhexyl Acrylate Copolymer (And) Water (And) Aminomethyl Propanol	Kobo Products
Part 6			
30.00	WSJ10CB-NP	Black 2 (And) PEG-40 Hydrogenated Castor Oil (And) Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Aminomethyl Propanol (And) Sodium Dehydroacetate	Kobo Products
Part 7			
5.00	KTZ® EBONY	Iron Oxides (CI 77499) (And) Mica	Kobo Products
Part 8			
2.00	SESQ-MH5	Polymethylsilsesquioxane (And) Silica	N&M/Kobo Products
Part 9			
0.50	SILICA SHELLS-SH	Silica (And) Methoxy Amodimethicone/Silsesquioxane Copolymer	Kobo Products
100.00			

Description:

This long-wear, liquid eyeliner features Kobo's Carbon Black dispersion, WSJ10CB-NP, to create a deep, intense, black color and add film-forming properties. KOBOGUARD® 50AMP is used to produce a long-wearing film and provide water resistance. AQUA KEEP 10SH-NFC is a gelling agent that offers stability to the formula. KTZ® EBONY, a unique black pearl gives an additional deep black color to the eyeliner. SILICA SHELLS-SH, offers a mattifying effect and decreases dry time when applied. SESQ-MH5 is used for its oil absorbency and for the formula to be applied smoothly.

Manufacturing Procedure:

1. In main beaker, add Part 2 and mix.
2. Add Part 1 to Part 2 and propeller mix for 5 minutes at 568 rpm, heat to 85°C, then cool to room temp. (based on 200g batch).
3. Add Part 3 to Parts 1 and 2 and propeller mix for 5 minutes. Then switch to homogenizer. Homogenize for 3 minutes at 3500 rpm.
4. Pre-mix Part 4 then add to main beaker and homogenize at 4300rpm.
5. Add Part 5 and homogenize at 6200 rpm.
6. Add Part 6 and homogenize at 6200 rpm.
7. Add Part 7 and homogenize at 6460 rpm until homogenous.
8. Add Part 8 and homogenize at 6460 rpm until homogenous.
9. Add Part 9 and homogenize at 7940 rpm until homogenous. (Keep the gap between homogenizer and the bottom of the beaker, so the bulk can circulate/ move)



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KEY-062G

KOBOPEARL® PERPETUAL LUSTER Eyeshadow - Green Envy

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
40.75	SERICITE GMS-4C	Mica	Kobo Products
25.00	TALC N-12	Talc (And) Isopropyl Titanium Triisostearate	Kobo Products
10.00	KOBOPEARL® PERPETUAL LUSTER GoldGreen	Synthetic Fluorophlogopite (And) Silica (And) Titanium Dioxide	Kobo Products
10.00	BHG-13	Chromium Hydroxide Green (And) Isopropyl Titanium Triisostearate	Kobo Products
3.00	MSS-500/20N	Silica	Kobo Products
3.00	BGCO-12	Chromium Oxide Greens (And) Isopropyl Titanium Triisostearate	Kobo Products
0.15	Methyl Paraben NF	Methylparaben	International Sourcing
0.10	Propyl Paraben NF	Propylparaben	International Sourcing
Part 2			
2.67	Xiameter® PMX-200 SILICONE FLUID 1000CS	Dimethicone	Dow Corning
2.67	ELEMENT14 PDMS 100	Dimethicone	Momentive
2.66	Xiameter® PMX-200 SILICONE FLUID 20CS	Dimethicone	Dow Corning
100.00			

Description:

This Eye Shadow Features Kobo's Isopropyl Titanium Triisostearate (ITT) Treatment of which Kobo has a wide range of colors to offer. This treatment has good affinity to the skin, a creamy feel and helps improve compressibility. Microsphere, MSS-500/20N, gives an excellent application. KOBOPEARL® PERPETUAL LUSTER GoldGreen adds a golden luster effect to the eyeshadow. SERICITE GMS-4C is a creamy Mica that helps the formula glide onto the lid and offers a subtle sheen.

Manufacturing Procedure:

1. In blender micropulverize Part 1 until color is developed and all ingredients are uniform.
2. In a side beaker, add Part 2 and mix until homogenous.
3. Slowly add Part 2 in blender and mix until fully uniform.
4. Press at 500psi.





KEY-064D

Purple Hot Pour Eyeshadow with ASG Treatment

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
10.00	ASO-I2	Aluminum Starch Octenylsuccinate (And) Isopropyl Titanium Triisostearate	Kobo Products
6.05	GMS-ASG3	Mica (And) Stearoyl Glutamic Acid	Kobo Products
5.00	BMV-ASG4	Manganese Violet (And) Stearoyl Glutamic Acid	Kobo Products
1.25	BRO-ASG3	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid	Kobo Products
0.50	BLUE 1AL-ASG4	Blue 1 Lake (And) Stearoyl Glutamic Acid	Kobo Products
0.10	Propyl Paraben NF	Propylparaben	International Sourcing
0.10	Methyl Paraben NF	Methylparaben	International Sourcing
Part 2			
3.00	Wickenol 155	Ethylhexyl Palmitate	Alzo International Inc.
Part 3			
26.00	VegeLight 1214 LC	Coconut Alkanes (And) Coco-Caprylate/Caprate	Grant Industries, Inc.
7.50	DC 556 Fluid	Phenyl Trimethicone	Dow Corning
5.50	Lameform® TGI	Polyglycerol-3 Diisostearate	Chem Specs/Cognis Corp.
3.00	PM WAX 82	Polyethylene (And) Microcrystalline Wax	Toray/Kobo Products
2.00	Softisan® 100	Hydrogenated Coco-Glycerides	IOI Oleo GmbH
1.00	Microcrystalline Wax SP-89	Microcrystalline Wax	Strahl & Pitsch, Inc.
1.00	KOBOGUARD® HRPC	Hydrogenated Polycyclopentadiene (And) Polyethylene (And) Copernicia Cerifera (Carnauba) Wax (And) Tocopherol	Kobo Products
1.00	Carnauba Wax SP 63P	Copernicia Cerifera (Carnauba) Wax	Strahl & Pitsch, Inc.
Part 4			
8.50	KOBOPEARL® PERPETUAL VioletRed	Synthetic Fluorophlogopite (And) Silica (And) Titanium Dioxide	Kobo Products
8.50	KTZ® INTERVAL VIOLET	Mica (And) Titanium Dioxide	Kobo Products
5.00	DSPCS/20N-I2	Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate	Kobo Products
Part 5			
5.00	CXG-1104	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	Avantor/Kobo Products
100.00			

Description:

This is a hot pour eye shadow with great texture and payoff. The ASG treatment helps the formula adhere and glide onto the skin and also contributes to the great feel. DSPCS/20N-I2 contributes greatly to the powdery afterfeel. ASO-I2 helps to absorb oil. PM WAX 82 is a combination of waxes used to structure the formula. KOBOGUARD® HRPC is a film former that gives good wear and adhesion. CXG-1104 is a silicone elastomer that provides a silky powdery afterfeel. KTZ® INTERVAL VIOLET and KOBOPEARL® PERPETUAL VioletRed provide shimmer and enhance the color.

Manufacturing Procedure:

1. Blend Part 1 and pass through a micronizer until the color is fully dispersed.
2. Add Part 2 to Part 1 and blend until fully dispersed.
3. Heat Part 3 with stirring to 80°C.
4. Add Parts 1 and 2 to Part 3 and mix until homogenous. Add Part 4.
5. Add Part 5.
6. Continue to mix until uniform while maintaining temperature.
7. Pour at 78°C.



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KMA-077

Waterproof Mascara

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
21.80	Permethyl® 99A	Isododecane	Presperse
3.00	Ganex™ V-216	PVP/Hexadecene Copolymer	Ashland
2.00	KF-995	Cyclopentasiloxane	Shin-Etsu
1.50	Ganex™ V-220	PVP (and) VP/Eicosene Copolymer	Ashland
1.00	Protachem CTG	Caprylic/Capric Triglyceride	Protamein
0.80	Eutanol® G	Octyldodecanol	BASF
Part 2			
10.00	Paraffin Wax 434	Paraffin	Strahl & Pitsch
3.00	Beeswax White Sp 422P	Beeswax	Strahl & Pitsch
2.50	Carnauba Wax SP 63P	Copernicia Cerifera (Carnauba) Wax	Strahl & Pitsch
Part 3			
10.00	Bentone Gel® ISD V	Isododecane (And) Distearidimonium Hectorite (And) Propylene Carbonate	Elementis Specialties
3.00	Lexorez® 200	Trimethylpentanediol/Adipic Acid/Glycerin Crosspolymer	Inolex
2.00	KOBOGUARD® MQ75ETS	Trimethylsiloxysilicate (And) Ethyl Trisiloxane	Kobo Products
2.00	Panalane® H-300E	Hydrogenated Polyisobutene	Vantage
Part 4			
20.00	PMLVP75B	Iron Oxides (CI 77499) (And) Isododecane (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Isopropyl Titanium Triisostearate	Kobo Products
Part 5			
10.00	Deionized Water	Water	
0.20	Potassium Sorbate	Potassium Sorbate	Jeen International
Part 6			
0.50	Salcare® SC10	POLYQUATERNIUM-7	BASF
Part 7			
0.70	Phenoxetol®	Phenoxyethanol	Clariant
0.50	Lexgard® O	Caprylyl Glycol	Inolex
Part 8			
2.00	MSS-500/3H	Silica	Kobo Products
2.00	MICA S-12	Mica (And) Isopropyl Titanium Triisostearate	Kobo Products
1.00	DSPCS/3H-12	Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate	Kobo Products
0.50	BPA-500	Polymethyl Methacrylate	Kobo Products
100.00			

Description:

This waterproof mascara features a combination of Kobo microspheres and fillers. High oil absorbency microsphere and microsphere complex, MSS-500/3H and DSPCS/20N-I2, provide the lashes with a long-lasting curl, while Mica S-12 and BPA-500 give excellent length and volume. Oil-soluble resin KOBOGUARD® MQ75ETS gives the mascara a waterproof and long-lasting film. PMLVP75B provides the lashes with a deep black color upon application.

Manufacturing Procedure:

1. Heat Part 1 in main beaker to 75°C while prop mixing.
2. Add Part 2 to main beaker. Mix until waxes are melted.
3. Premix Part 3 and add to main beaker.
4. Add Part 4 to main beaker.
5. In side beaker, combine Part 5 and mix under propeller.
6. Add Part 6, followed by Part 7.
7. Heat this phase to 80°C. Once at 80°C, add to oil phase.
8. After emulsification, maintain the heat at 70°C for 15 minutes.
9. Begin to air cool.
10. Once batch reaches 50°C, add Part 8.
11. Switch to sweep and continue cooling.



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KMA-078

Global Conventional Mascara

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
7.50	Paraffin Wax 4344	Paraffin	Strahl & Pitsch
4.00	Lipo® GMS-450	Glyceryl Stearate	Vantage
3.00	Carnauba Wax SP 63P	Copernicia Cerifera (Carnauba) Wax	Strahl & Pitsch
3.00	Dermofat 4919	Stearic Acid	Alzo Chemical
2.00	KOBOGUARD® HRPC	Hydrogenated Polycyclopentadiene (And) Polyethylene (And) Copernicia Cerifera (Carnauba) Wax (And) Tocopherol	Kobo Products
1.50	Ganex® V-216	VP/Hexadecane Copolymer	Ashland
1.00	Permethyl® 104A	Polyisobutene	Presperse
1.00	Apifil CG	PEG-8 Beeswax	Gattefosse
Part 2			
15.00	Deionized Water	Water	
10.00	BLACK NF	Iron Oxides (CI 77499)	Kobo Products
0.80	PVP K-30	Poly(Vinyl Pyrrolidone)	Ashland
0.20	Lexgard® O	Caprylyl Glycol	Inolex
0.10	Prisorine™ 3515	Isostearyl Alcohol	Croda
0.05	S-6W-6	Simethicone	Shin-Etsu
Part 3			
25.95	Deionized Water	Water	
2.00	MSS-500W	Silica	Kobo Products
2.00	KoboMica S-25	Mica	Kobo Products
2.00	Butylene Glycol	Butylene Glycol	Ruger Chemical
2.00	KAOLIN	Kaolin	Imerys
0.50	AMP ULTRA® PC 2000	2-Amonoisobutanol	Angus Chemical Company
0.30	Natrosol® 250 HHR CS	Hydroxyethylcellulose	Ashland
0.20	Keltrol® CG	Xanthan Gum	CP Kelco
0.10	Trisodium EDTA	Trisodium EDTA	Spectrum Chemical
Part 4			
14.50	KOBOGUARD® 50AMP	Acrylates/Ethylhexyl Acrylate Copolymer (And) Water (And) Aminomethyl Propanol	Kobo Products
0.50	KNY-3D	Nylon-66 (And) Titanium Dioxide	Kobo Products
Part 5			
0.80	Euxyl® PE 9010	Phenoxyethanol (And) Ethylhexylglycerin	Schulke & Mayr
100.00			

Description:

This conventional mascara features Kobo's KNY-3D fibers for lengthening and volumizing effects when applied to the lashes. KOBOGUARD® HRPC provides a plasticizing effect to the wax complex, and allows the mascara to be buildable upon application. KOBOGUARD® 50AMP contributes to water-resistant properties. BLACK NF provides deep black color to the mascara. The combination of KoboMica S-25 and MSS-500W provides thickness and body, while contributing to volume on the lashes.

Manufacturing Procedure:

Oil Phase:

1. Combine Part 1 in side beaker. Heat to 85-90°C with slow agitation with spatula.

Grind Phase:

2. Add water to beaker. Prop mix and heat to 60°C.
3. Add PVP, followed by Isostearic Alcohol, Caprylyl Glycol, and Simethicone.
4. Sprinkle Black NF into the vortex. Mix until pigment is wet out.
5. Transfer to homogenizer for 30 minutes.

Water Phase: (main beaker)

6. Record tare weight of main beaker and sweep.
7. Add Water to the main beaker. Begin heating to 60°C with prop mixing.
8. Add Trisodium EDTA.
9. Pre-mix Butylene Glycol, Natrosol® and Xanthan Gum.
10. Add grind phase.
11. Heat to 85°C.
12. Add AMP Ultra to batch. Then sprinkle in MSS-500W, Kaolin and KoboMica S-25.
13. Add Oil phase into water phase, maintain mixing and temperature around 85°C for 15 mins.
14. Begin to air cool.
15. Change to sweep when the bulk becomes thicker.
16. Pre-mix film former with KNY-3D and add to batch at 45°C.
17. Add Euxyl® PE 9010.
18. Mix together for 5 minutes and QS missing weight with Water.
19. Cool and mix until bulk reaches 28°C.



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KLP-136C

W/Si High Intensity Matte Liquid Lipstick with PMLVP Dispersions

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
17.50	Permethyl® 99A	Isododecane	Presperse
15.20	PMLVP75C	Titanium Dioxide (And) Isododecane (And) Isohexadecane (And) Isopropyl Titanium Triisostearate (And) Lecithin (And) Ethylene/Propylene/Styrene Copolymer (And) Polyhydroxystearic Acid (And) Butylene/Ethylene/Styrene Copolymer	Kobo Products
10.90	PMLVP75R	Iron Oxides (CI 77491) (And) Isododecane (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Isopropyl Titanium Triisostearate	Kobo Products
2.50	MSS-500W	Silica	Kobo Products
2.50	CARESS® BN09	Boron Nitride	Bent Tree/Kobo Products
2.40	KF-6106	Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone	Shin-Etsu
1.60	PMLVP45B1A	Blue 1 Lake (And) Isododecane (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Isopropyl Titanium Triisostearate	Kobo Products
1.20	Abil® EM 90	Cetyl PEG/PPG-10/1 Dimethicone	Evonik
0.80	Euxyl® PE 9010	Phenoxyethanol (And) Ethylhexylglycerin	Schulke & Mayr
0.60	DC 5225C	Cyclopentasiloxane (And) PEG/PPG 18/18 Dimethicone	Dow Corning
0.30	FLORITE PS-10	Calcium Silicate	Tomita/Kobo Products
Part 2			
16.10	Deionized Water	Water	
3.60	Butylene Glycol	Butylene Glycol	Pride Solvents & Chemicals Co. of NJ, Inc.
1.80	Glycerin U.S.P. Natural 96%	Glycerin	Univar USA Inc.
0.60	Sodium Chloride	Sodium Chloride	Morton Salt
0.60	Phenoxetol	Phenoxyethanol	Clariant
0.30	Magnesium Sulfate	Magnesium Sulfate	Orient Stars LLC
0.20	Liposorb® L-20	Polysorbate 20	Vantage Chemicals
0.10	Trisodium EDTA	Trisodium EDTA	Protameen
0.10	ALLANTOIN	Allantoin	Jeen International
Part 3			
16.10	CXG-1104	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	Avantor/Kobo Products
2.50	BPD-500W	HDI/Trimethylol Hexyllactone Crosspolymer (And) Silica	Kobo Products
2.50	SP-10	Nylon-12	Toray/Kobo Products
100.00			

Description:

This High Intensity Matte Liquid Lipstick features PMLVP dispersions to offer full color development and better stability. SP-10, MSS-500W and FLORITE PS-10 help to improve feel and contribute to the matte effect. BPD-500W helps blur the appearance of wrinkles and fine lines on the lips. CXG-1104 is an elastomer gel that gives a silky, powdery feel and velvet effect. CARESS® BN09, Boron Nitride, gives superior softness, excellent adherence and provides good coverage.

Manufacturing Procedure:

1. Combine Part 1 under homogenizer until uniform.
2. Combine Part 2 and prop mix until homogeneous.
3. Slowly add Part 2 to Part 1 until homogeneous.
4. Slowly add Part 3 to batch until homogeneous.





KLP-161C

Magic Color Change Lipstick (Blue to Purple)

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
28.00	COSMOL™ 222	Diisostearyl Malate	Ikeda Corporation
23.00	COSMOL™ 43V	Polyglyceryl-2 Triisostearate	Ikeda Corporation
4.50	CPF-3300@10cSt	Phenyl Trimethicone	Avantor/Kobo Products
1.75	K7061	D&C RED NO. 21	Sensient Cosmetic Technologies
Part 2			
11.25	SALACOS® WO-6	Dipentaerythryl Tri-Polyhydroxystearate	Ikeda Corporation
8.16	SW65U	Synthetic Wax (And) Titanium Dioxide (And) Isopropyl Titanium Triisostearate	Kobo Products
7.00	Ozokerite Wax White SP 1020P	Ozokerite	Strahl & Pitsch
5.00	PM WAX 82	Polyethylene (And) Microcrystalline Wax	Toray/Kobo Products
5.00	COSMOL™ 168ARV	Dipentaerythryl Hexahydroxystearate/Hexastearate/Hexarosinate	Ikeda Corporation
3.24	SW30B1A	Synthetic Wax (And) Blue 1 Lake (And) Isopropyl Titanium Triisostearate	Kobo Products
2.50	Carnauba Wax SP 63P	Copernicia Cerifera (Carnauba) Wax	Strahl & Pitsch
0.60	SW40Y5A	Synthetic Wax (And) Yellow 5 Lake (And) Isopropyl Titanium Triisostearate	Kobo Products
100.00			

Description:

This color-changing lipstick appears blue in the stick, then turns a shade purple upon application based on the pH of an individual's skin. It features Kobo's SW pigmentary dispersions in Synthetic Wax which ease the manufacturing process and provide gloss and vivid color. CPF-3300@10cSt helps give the lipstick improved payoff as well as shine. PM WAX 82 is a combination of waxes used to structure the formulation.

Manufacturing Procedure:

1. Combine Part 1 and homogenize until dye is dispersed.
2. Add Part 2 and heat to 85°C while prop mixing.
3. Pour into molds at 70°C.



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KLP-167

Poppy Red Cushion Lip Cream

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
41.90	RED 7CA E-FS08	Red 7 Lake (And) Perfluorooctyl Triethoxysilane	Kobo Products
20.95	Permethyl® 99A	Isododecane	Presperse
11.45	Eutanol® G	Octyldodecanol	BASF
9.50	Versagel® MG 1600 T	Hydrogenated Poly(C6-14 Olefin) (and) Ethylene/Propylene/Styrene Copolymer (and) Butylene/Ethylene/Styrene Copolymer (and) Pentaerythrityl Tetra-di-t-butyl Hydroxyhydrocinnamate	Penreco
6.70	Silkflo® 364	Hydrogenated Polydecene	Vantage
1.90	Performalene™ M 70 Wax	Synthetic Wax	New Phase Technologies
1.90	Bentone Gel VS-5 PC V	Cyclopentasiloxane (And) Disteardimonium Hectorite (And) Propylene Carbonate	Elementis Specialties
0.95	Florasun® 90	Helianthus Annuus (Sunflower) Seed Oil	Floratech
Part 2			
4.75	DSPCS/H-12	Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate	Kobo Products
100.00			

Description:

This intense color Poppy Red Cushion Lip Powder formula contains RED 7CA E-FS08 - FD&C Red 7 Ca Lk with Kobo's Perfluorooctyl Triethoxysilane Treatment. The treatment exhibits both water and oil repellency while promoting good skin adherence and improving wear properties. DSPCS/H-12 gives a light weight feel and imparts a powdery mattifying finish.

Manufacturing Procedure:

1. Combine Part 1 at 75°C under homomixer. Mix well until uniform.
2. Cool batch to 45°C and slowly sprinkle Part 2 while homogenizing. Stop mixing after the whole amount of Part 2 is added.



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KLG-026-BR

Bright Gold Lip Gloss

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
30.00	Panalene® H-300E	Hydrogenated Polyisobutene	Vantage
29.00	COSMOL™ 222	Diisostearyl Malate	Ikeda/Kobo Products
10.00	SALACOS® 99	Isononyl Isononanoate	Ikeda/Kobo Products
10.00	SALACOS® 5418V	Pentaerythrityl Tetraistearate	Ikeda/Kobo Products
1.00	NOMCORT® HK-G	Glyceryl Behenate/Eicosadioate	Ikeda/Kobo Products
Part 2			
20.00	K-RAY® SM COPPER SP	Synthetic Fluorophlogopite (And) Titanium Dioxide (And) Iron Oxides (CI 77491)	Kobo Products
100.00			

Description:

This lip gloss features K-RAY® SM COPPER SP, a pearlescent pigment made with a large particle size Synthetic Fluorophlogopite substrate, that imparts visual effects and sparkle. For shine and gloss, it features a combination of Ikeda Esters: SALACOS® 99, COSMOL™ 222 and SALACOS® 5318V. NOMCORT® HK-G is an oil phase gellant that increases viscosity and stability.

Manufacturing Procedure:

1. Mix all ingredients of Part 1.
2. Heat to 80°C - 85°C.
3. Add Part 2 and mix until complete homogenization.





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KCL-023A

Men's Grapefruit Hand Sanitizer

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
28.00	Deionized Water	Water	Ruger Chemical
0.70	Glycerin U.S.P. Natural 96%	Glycerin	
Part 2			
0.24	Carbopol® Ultrez 10	Carbomer	Lubrizol, Inc.
Part 3			
67.76	Ethanol 24,511-9	Ethyl Alcohol	Aldrich Chemical Co.
Part 4			
0.20	CE-181466 Grapefruit	Fragrance	Custom Essence
Part 5			
0.10	TEALAN 99%	Triethanolamine	RITA
Part 6			
1.00	Sp-VEaTR41a	Water (And) Propylene Glycol (And) Polyquaternium-11 (And) Agar (And) Imidazolidinyl Urea (And) PEG-40 Hydrogenated Castor Oil (And) Phenoxyethanol (And) Tocopheryl Acetate (And) Red 30 Lake (And) Parabens	Kobo Products
1.00	SpS-BkFeO41m	Water (And) Propylene Glycol (And) Pentylene Glycol (And) Polyquaternium-11 (And) Agar (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Iron Oxides (CI 77499)	Kobo Products
1.00	Sp-BkFEB41b	Water (And) Propylene Glycol (And) Mica (And) Polyquaternium-11 (And) Agar (And) Titanium Dioxide (And) Imidazolidinyl Urea (And) Phenoxyethanol (And) Iron Oxides (CI 77499) (And) Parabens	Kobo Products
100.00			

Description:

This grapefruit hand sanitizer showcases the colorful properties of Kobo's Softspheres™ which also contain entrapped actives which help to nourish, replenish and condition the skin. Sp-VEaTR41a contains Tocopheryl Acetate while Sp-BkFEB41b and SpS-BkFeO41m are used for visual effect.

Manufacturing Procedure:

1. Combine Part 1 under prop mixer.
2. Slowly add Part 2 and mix slowly until uniform.
3. Add Parts 3 and Part 4, respectively, to Parts 1 and 2 under slow mixing.
4. Add Part 5 to thicken to the desired viscosity.
5. Add Part 6 and slowly hand mix.



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KFL-142

Chromatic Silver Face Mask with KTZ® MISTERIOSO PEWTER

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
59.25	Deionized Water	Water	
4.00	Glycerin U.S.P. Natural 96%	Glycerin	Ruger Chemical
0.60	CHARCOPOWDER	Charcoal Powder	Daito/ Kobo Products
0.50	Sodium Citrate	Sodium Citrate	DSM Nutritional Products
0.15	KELTROL® CG	Xanthan Gum	CP Kelco
0.10	Trisodium EDTA	Trisodium EDTA	M. Cassab
0.10	Citric Acid	Citric Acid	DSM Nutritional Products
Part 2			
2.00	Sulfochem™ ES-2CWK	Sodium Laureth Sulfate	Lubrizol
2.00	Deionized Water	Water	
Part 3			
3.50	Ethanol 24,511-9	Ethyl Alcohol	Aldrich Chemical Co.
3.50	BENTONITE,ALBAGEL PREM NF BC	Bentonite	Brenntag Specialties
Part 4			
4.00	Lipomulse® 165	Glyceryl Stearate (And) PEG-100 Stearate	Vantage
2.50	Jeechem EGMS	Ethylene Glycol Monostearate	Jeen International
2.50	Lipocol® C	Cetyl Alcohol	Vantage
2.00	SunBoost ATB™	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
0.20	BTD-401	Titanium Dioxide (And) Isopropyl Titanium Triisostearate	Kobo Products
Part 5			
0.70	Euxyl® PE 9010	Phenoxyethanol (And) Ethylhexylglycerin	Schulke & Mayr
Part 6			
12.40	KTZ® MISTERIOSO PEWTER	Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77499)	Kobo Products
100.00			

Description:

This face mask contains KTZ® MISTERIOSO PEWTER to impart the intense chromatic silver color. SunBoost ATB™ is a blend of anti-oxidant, anti-irritant and anti-inflammatory agents which provides the skin with conditioning, antioxidant and soothing benefits. BTD-401 is an easily dispersed, treated Titanium Dioxide which lightens the color of the formulation. Daito's CHARCOPOWDER contributes absorbing properties.

Manufacturing Procedure:

1. Combine Part 1 under prop mixer, first mixing the glycerin and xanthan gum, then adding it to the water. Once fully dissolved add the rest of Part 1 and mix until uniform. Heat to 80°C.
2. In side dish, combine Part 2.
3. For Part 3, slowly add the bentonite into the ethanol and make another slurry.
4. Add Part 3 to Part 2 and make a slurry.
5. Add the mixture of Parts 2 and 3 to Part 1 and continue prop mixing and heating.
6. Combine Part 4 under prop mix and heat to 85°C.
7. Slowly add Part 4 at 80°C and mix.
8. Start cooling to 50°C and slowly add Part 5 and 6, respectively and mix until uniform.
9. Stop mixing at 40°C and let cool.





KFL-143
Men's Oil Scrub

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
93.74	JOS10M5	Simmondsia Chinensis (Jojoba) Seed Oil (And) Silica	Kobo Products
5.00	KoboScrub™ SD-200	Silica	Kobo Products
0.50	Euxyl® PE 9010	Phenoxyethanol (And) Ethylhexylglycerin	Schulke & Mayr
0.15	KTZ® MISTERIOSO PEWTER	Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77499)	Kobo Products
0.15	KTZ® EBONY	Iron Oxides (CI 77499) (And) Mica	Kobo Products
0.01	CO60B	Iron Oxides (CI 77499) (And) Ricinus Communis (Castor) Seed Oil (And) Isopropyl Titanium Triisostearate	Kobo Products
Part 2			
0.45	Hydra Men 32	Fragrance	Givaudan/Brenntag
100.00			

Description:

This men's oil scrub features Kobo's Silica scrubbing beads, KoboScrub™ SD-200, which exfoliate the skin. Jojoba Oil gellant, JOS10M5 makes up the base of the formulation and restores natural oils to the skin. The combination of CO60B with KTZ® MISTERIOSO PEWTER and KTZ® EBONY enhances the color effect in the component.

Manufacturing Procedure:

1. Combine Part 1 and side sweep until materials are evenly dispersed.
2. Add Part 2 under side sweep.

Notes:

Massage scrubbing oil into skin and let sit for 10 minutes. Remove with warm, wet towel.





KFL-144

Selfie Ready Primer with KoboBlur™ 100 Natural

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
34.00	KF-995	Cyclopentasiloxane	Shin-Etsu
25.00	Dow Corning 9041 Silicone Elastomer Blend	Dimethicone (And) Dimethicone Crosspolymer	Dow Corning
18.00	CXG-1104	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	Avantor/Kobo Products
8.00	ELEMENT14 PDMS 5-A	Dimethicone	Momentive
Part 2			
15.00	KoboBlur™ 100 Natural	Silica (And) Cellulose (And) Mica (And) Barium Sulfate (And) Titanium Dioxide (And) Jojoba Esters	Kobo Products
100.00			

Description:

This Selfie Ready Primer features Kobo's Microsphere Complex, KoboBlur™ 100 Natural. KoboBlur™ is a combination of particles that have complimentary refractive indexes and scatter light in a wide range of formulas. CXG-1104 helps in the product's application properties and also provides a soft velvety after feel on skin.

Manufacturing Procedure:

1. Mix Part 1 under prop until homogeneous.
2. Add Part 2 and continue to prop mix.





KHP-023

Platinum Gold Shock Hair Mascara

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
7.50	Paraffin Wax 4344	Paraffin	Strahl & Pitsch
4.00	Lipo® GMS-450	Glyceryl Stearate	Vantage
3.00	Carnauba Wax SP 63P	Copernicia Cerifera (Carnauba) Wax	Strahl & Pitsch
3.00	Dermofat 4919	Stearic Acid	Alzo Chemical
2.00	KOBOGUARD® HRPC	Hydrogenated Polycyclopentadiene (And) Polyethylene (And) Copernicia Cerifera (Carnauba) Wax (And) Tocopherol	Kobo Products
1.50	Ganex® V-216	VP/Hexadecane Copolymer	Ashland
1.00	Permethyl® 104A	Polyisobutene	Presperse
1.00	Apifil CG	PEG-8 Beeswax	Gattefosse
Part 2			
20.00	Deionized Water	Water	
7.00	K-RAY® MagGold	Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77499)	Kobo Products
2.00	SPC/BLACK NF-I2	Iron Oxides (CI 77499) (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Trilostearate	Kobo Products
0.80	PVP K-30	Poly(Vinyl Pyrrolidone)	Ashland
0.20	Lexgard® O	Caprylyl Glycol	Inolex
0.10	Prisorine™ 3515	Isostearyl Alcohol	Croda
0.05	S-6W-6	Simethicone	Shin-Etsu
Part 3			
26.95	Deionized Water	Water	
2.00	Butylene Glycol	Butylene Glycol	Ruger Chemical
1.00	KAOLIN	Kaolin	Imerys
1.00	MSS-500W	Silica	Kobo Products
0.50	AMP Ultra® PC 2000	2-Aminoisobutanol	Angus Chemical Company
0.30	Natrosol® 250 HHR CS	Hydroxyethylcellulose	Ashland
0.20	Keltrol® CG	Xanthan Gum	CP Kelco
0.10	Trisodium EDTA	Trisodium EDTA	Spectrum Chemical
Part 4			
14.00	DAITOSOL 5000AD	Acrylates Copolymer (And) Water	Daito/Kobo Products
Part 5			
0.80	Euxyl® PE 9010	Phenoxyethanol (And) Ethylhexylglycerin	Schulke & Mayr
100.00			

Description:

This hair mascara features Kobo's K-RAY® MagGold magnetic pearl. The controlled level of black iron oxide in K-RAY® MagGold gives the product its unique, deep gold shade. This pearl, along with the ITT treatment of microsphere complex SPC/BLACK NF-12, provides two hair attraction elements. KOBOGUARD® HRPC provides a plasticizing effect to the wax complex. DAITOSOL 5000AD contributes to water-resistant properties. MSS-500W gives body to the formula.

Manufacturing Procedure:

Oil Phase:

1. Combine Part 1 in side beaker. Heat to 85-90°C with slow agitation with spatula.

Grind Phase:

2. Add water to beaker. Prop mix and heat to 60°C.

3. Add PVP, followed by Isostearic Alcohol, Caprylyl Glycol and Simethicone.

4. Sprinkle K-RAY® MagGold and SPC/BLACK NF-I2 into the vortex. Mix until dispersed.

Water Phase: (main beaker)

6. Record tare weight of main beaker and sweep.

7. Add water to the main beaker. Begin heating to 60°C with prop mixing.

8. Add Trisodium EDTA.

9. Pre-mix Butylene Glycol, Natrosol and Xanthan Gum.

10. Add grind phase.

11. Heat to 85°C.

12. Add AMP Ultra to batch. Then sprinkle in MSS-500W and Kaolin.

13. Add Oil phase into water phase, maintain mixing and temperature around 85°C for 15 mins.

14. Begin to air cool.

15. Change to sweep when the bulk becomes thicker.

16. Add film former to batch at 45°C.

17. Add Euxyl PE 9010.

18. Mix together for 5 minutes and QS missing weight with water.

29. Air cool and mix until bulk reaches 28°C.



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*The Powder & Dispersion
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KOBO PRODUCTS, INC
3474 South Clinton Avenue
South Plainfield, NJ 07080
USA

Tel: +1 - 908 757 0033
Fax: +1 - 908 757 0905



KOBO PRODUCTS, SAS
135 Rue Buissonniere Quartier
Bouysset 31670 Labège
FRANCE

Tel: +33 - (0) 5 62 88 77 40
Fax: +33 - (0) 5 62 88 77 49



KOBO DISPATEK, INC
1-4-8 Nihombashi-bakurocho
Chuoko, Tokyo, 103-0002
JAPAN

Tel: +81 - 3 3663 8049
Fax: +81 - 3 3661 8679



KOBO BRASIL, LTDA
Rua Bamboré n.41
Ipiranga - São Paulo/SP 04278-060
BRASIL

Tel: +55 (11) 5062 6034