

# FORMULARY

in-cosmetics Global 2018

**KOBO**

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# KSL-321A-EU Mineral Sunscreen



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
35.00	<b>GCO45TV</b>	Titanium Dioxide (And) Caprylic/Capric Triglyceride (And) Sorbitan Olivatate (And) Stearic Acid (And) Aluminum Hydroxide	<b>Kobo Products</b>
26.00	<b>GCP50ZSI</b>	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane	<b>Kobo Products</b>
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
<b>Part 2</b>			
22.40	Deionized Water	Water	
<b>Part 3</b>			
2.00	Glycérine Codex 99,5%	Glycerin	Interchimie
0.10	Keltrol® CG	Xanthan Gum	CP Kelco
<b>Part 4</b>			
0.70	Magnesium Sulphate Heptahydrate	Magnesium Sulfate	Acros Organics
0.50	Sodium Chloride	Sodium Chloride	Acros Organics
<b>Part 5</b>			
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
<b>Part 1</b>			
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) Triethoxycaprylylsilane	Kobo Products
5.00	SunBoost ATB™ Natural	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
<b>Part 2</b>			
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
<b>Part 3</b>			
7.00	CELLULOBEADS D-10	Cellulose	Daito/Kobo Products
0.75	FLORITE R	Calcium Silicate	Tomita/Kobo Products
<b>Part 4</b>			
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.

## 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





# KSL-331C Soft Touch Sunscreen



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
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
<b>Part 2</b>			
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) Disteardimonium Hectorite	Elementis Specialties
<b>Part 3</b>			
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





KCC-018

# Bouncy Cream Concealer with SW Dispersions

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
20.00	<b>CXG-1104</b>	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	<b>Avantor/Kobo Products</b>
17.40	<b>SW65U</b>	Synthetic Wax (And) Titanium Dioxide (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
10.00	Lexol® EHP	Ethylhexyl Palmitate	Inolex Chemical Company
10.00	ELEMENT14 PDMS 5-A	Dimethicone	Momentive
5.00	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
4.00	Velvesil 034	Caprylyl Methicone (And) C30-45 Alkyl Cetearyl Dimethicone Crosspolymer	Momentive
2.35	<b>SW50EY</b>	Synthetic Wax (And) Iron Oxides (CI 77492) (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
2.00	<b>SW5M5</b>	Synthetic Wax (And) Silica	<b>Kobo Products</b>
2.00	Squalane NF	Squalane	Barnet Products
2.00	Lameform TGI	Polyglyceryl-3 Diisostearate	Cognis
1.65	<b>SW60ER</b>	Synthetic Wax (And) Iron Oxides (CI 77491) (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
0.90	Germaben® II	Propylene Glycol (And) Diazolidinyl Urea (And) Methylparaben (And) Propylparaben	Chempoint
0.60	<b>SW55EB</b>	Synthetic Wax (And) Iron Oxides (CI 77499) (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
<b>Part 2</b>			
5.00	<b>PM WAX 82</b>	Polyethylene (And) Microcrystalline Wax	<b>Toray/Kobo Products</b>
3.50	NOMCORT® HK-G	Glyceryl Behenate/Eicosadioate	Ikeda Corporation
1.50	Softisan® 100	Hydrogenated Coco-Glycerides	Condea Chemie
<b>Part 3</b>			
6.00	<b>SPCAT-I2</b>	Talc (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
6.00	<b>CARESS® BN02</b>	Boron Nitride	<b>Bent Tree/Kobo Products</b>
0.10	S-6W-6	Simethicone	Shin-Etsu
100.00			

## Description:

This Bouncy Coral Cream Textured formula features Kobo's SW Pigmentary Dispersions in synthetic wax which ease the manufacturing process and provide the base color. SW5M5, a fumed silica gellant, thickens the formula and offers added shine and stability. CARESS® BN02, Boron Nitride, is used for superior softness and tactility, superb spreadability, excellent adherence, a long lasting effect, and good coverage. PM WAX 82 aids in structure. SPCAT-I2 gives a lightweight feel and helps the formula go immediately into a creamy powder texture when applied on the skin. CXG-1104 is a silicone elastomer that provides a silky, powdery feel without cyclics.

## Manufacturing Procedure:

1. Combine Part 1 under prop mix and heat to 80°C.
2. Slowly add Part 2 to batch and mix until homogeneous.
3. Slowly add Part 3 to batch and mix until homogeneous.
4. Pour at 75°C.



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KLF-182B

# KoboGel™ D5-B Medium Liquid Foundation

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
28.90	<b>KoboGel™ D5-B Medium</b>	Pigmented Silicone Gel	<b>Kobo Products</b>
28.90	<b>CXG-1103</b>	Cyclopentasiloxane (And) Cyclohexasiloxane (And) Dimethicone/Vinyl Dimethicone Crosspolymer	<b>Avantor/Kobo Products</b>
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
<b>Part 2</b>			
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 Corporation
0.15	Methyl Paraben NF	Methylparaben	International Sourcing
0.10	Trisodium EDTA	Trisodium EDTA	Protameen
0.10	ALLANTOIN	Allantoin	ISP
<b>Part 3</b>			
1.50	<b>MSS-500/N</b>	Silica	<b>Kobo Products</b>
0.50	<b>FLORITE PS-10</b>	Calcium Silicate	<b>Tomita/Kobo Products</b>
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.





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





KMU-018E

# Color Correcting Stick- Pastel Blue

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
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
<b>Part 2</b>			
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.





KPP-104A

# Creamy Pressed Powder with KoboBlur™ 100 Natural

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
70.48	<b>GMS-ASG3</b>	Mica (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
10.00	<b>KoboBlur™ 100 Natural</b>	Silica (And) Cellulose (And) Mica (And) Barium Sulfate (And) Titanium Dioxide (And) Jojoba Esters	<b>Kobo Products</b>
7.00	<b>BTD-ASG2</b>	Titanium Dioxide (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
2.20	<b>ZINC MYRISTATE</b>	Zinc Myristate	<b>Kobo Products</b>
1.00	<b>BYO-ASG3</b>	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.86	<b>BRO-ASG3</b>	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.46	<b>BBO-ASG3</b>	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
<b>Part 2</b>			
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
<b>Part 1</b>			
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
<b>Part 2</b>			
3.50	SALACOS® P-8	Ethylhexyl Palmitate	Ikeda/Kobo Products
1.50	Xiameter PMX-200 Silicone Fluid 50CS	Dimethicone	Dow Corning
<b>100.00</b>			

## 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
<b>Part 1</b>			
28.00	Deonized Water	Water	
<b>Part 2</b>			
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
<b>Part 3</b>			
0.80	PHENOXYETOL	Phenoxyethanol	Essential Ingredients
<b>Part 4</b>			
0.50	PROPYLENE GLYCOL	Propylene Glycol	DeWolf Chemicals
0.05	AQUA KEEP 10SH-NFC	Sodium Acrylates Crosspolymer-2	Sumitomo Seika/Kobo Products
<b>Part 5</b>			
27.68	KOBOGUARD® 50AMP	Acrylates/Ethylhexyl Acrylate Copolymer (And) Water (And) Aminomethyl Propanol	Kobo Products
<b>Part 6</b>			
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
<b>Part 7</b>			
5.00	KTZ® EBONY	Iron Oxides (CI 77499) (And) Mica	Kobo Products
<b>Part 8</b>			
2.00	SESQ-MH5	Polymethylsilsesquioxane (And) Silica	N&M/Kobo Products
<b>Part 9</b>			
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
<b>Part 1</b>			
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-I3	Chromium Hydroxide Green (And) Isopropyl Titanium Triisostearate	Kobo Products
3.00	MSS-500/20N	Silica	Kobo Products
3.00	BGCO-I2	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
<b>Part 2</b>			
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.



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KEY-064D

# Purple Hot Pour Eyeshadow with ASG Treatment

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
10.00	<b>ASO-I2</b>	Aluminum Starch Octenylsuccinate (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
6.05	<b>GMS-ASG3</b>	Mica (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
5.00	<b>BMV-ASG4</b>	Manganese Violet (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
1.25	<b>BRO-ASG3</b>	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.50	<b>BLUE 1AL-ASG4</b>	Blue 1 Lake (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.10	Propyl Paraben NF	Propylparaben	International Sourcing
0.10	Methyl Paraben NF	Methylparaben	International Sourcing
<b>Part 2</b>			
3.00	Wickenol 155	Ethylhexyl Palmitate	Alzo International Inc.
<b>Part 3</b>			
26.00	Vegelight 1214 LC	Coconut Alkanes (And) Coco-Caprylate/Caprates	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	<b>PM WAX 82</b>	Polyethylene (And) Microcrystalline Wax	<b>Toray/Kobo Products</b>
2.00	Softisan® 100	Hydrogenated Coco-Glycerides	Condea Chemie
1.00	Microcrystalline Wax SP-89	Microcrystalline Wax	Strahl & Pitsch, Inc.
1.00	<b>KOBOGUARD® HRPC</b>	Hydrogenated Polycyclopentadiene (And) Polyethylene (And) Copernicia Cerifera (Carnauba) Wax (And) Tocopherol	<b>Kobo Products</b>
1.00	Carnauba Wax SP 63P	Copernicia Cerifera (Carnauba) Wax	Strahl & Pitsch, Inc.
<b>Part 4</b>			
8.50	<b>KOBOPEARL® PERPETUAL VioletRed</b>	Synthetic Fluorophlogopite (And) Silica (And) Titanium Dioxide	<b>Kobo Products</b>
8.50	<b>KTZ® INTERVAL VIOLET</b>	Mica (And) Titanium Dioxide	<b>Kobo Products</b>
5.00	<b>DSPCS/20N-I2</b>	Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
<b>Part 5</b>			
5.00	<b>CXG-1104</b>	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	<b>Avantor/Kobo Products</b>
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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KEY-087

# Blue Charm Magnetic Eyeshadow

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
99.95	<b>K-RAY® MagBlue</b>	Titanium Dioxide (And) Mica (And) Iron Oxides (CI 77499)	<b>Kobo Products</b>
0.05	Jeen Sorbic Acid	Sorbic Acid	Jeen International
100.00			

## Description:

This magnetic eyeshadow features Kobo's K-Ray® MagBlue pearl. The controlled level of black iron oxide, the K-Ray® Mag series can be used to create unique and vivid 3-D effects when placed on a magnet. The ability to use a high concentration (up to 99.95%) of this pearl allows formulators to achieve high color intensity and amazing payoff.

## Manufacturing Procedure:

1. Blend pearl with Sorbic Acid until evenly dispersed.
2. Place magnet on bottom of package and top with formula. Let pattern form.





KMA-077

# Waterproof Mascara

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
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
<b>Part 2</b>			
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
<b>Part 3</b>			
10.00	Bentone Gel® ISD V	Isododecane (And) Disteardimonium Hectorite (And) Propylene Carbonate	Elementis Specialties
3.00	Lexorex® 200	Trimethylpentanediol/Adipic Acid/Glycerin Crosspolymer	Inolex
2.00	<b>KOBOGUARD® MQ75ETS</b>	Trimethylsiloxysilicate (And) Ethyl Trisiloxane	<b>Kobo Products</b>
2.00	Panalane® H-300E	Hydrogenated Polyisobutene	Vantage
<b>Part 4</b>			
20.00	<b>PMLVP75B</b>	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	<b>Kobo Products</b>
<b>Part 5</b>			
10.00	Deionized Water	Water	
0.20	Potassium Sorbate	Potassium Sorbate	Jeen International
<b>Part 6</b>			
0.50	Salcare® SC10	POLYQUATERNIUM-7	BASF
<b>Part 7</b>			
0.70	Phenoxetol®	Phenoxyethanol	Clariant
0.50	Lexgard® O	Caprylyl Glycol	Inolex
<b>Part 8</b>			
2.00	<b>MSS-500/3H</b>	Silica	<b>Kobo Products</b>
2.00	<b>MICA S-12</b>	Mica (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
1.00	<b>DSPCS/3H-12</b>	Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
0.50	<b>BPA-500</b>	Polymethyl Methacrylate	<b>Kobo Products</b>
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-12, 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.





KLP-136C

# W/Si High Intensity Matte Liquid Lipstick with PMLVP Dispersions

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
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
<b>Part 2</b>			
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
<b>Part 3</b>			
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.



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KLP-161C

# Magic Color Change Lipstick (Blue to Purple)

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
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
<b>Part 2</b>			
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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KLG-026-BR

# Bright Gold Lip Gloss

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
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
<b>Part 2</b>			
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.





KLG-084A

# 3D Color Travel Lip Gloss with K-RAY® SM OVP AUTUMN GLITTER

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
26.20	Panalene® H-300E	Hydrogenated Polyisobutene	Vantage
16.90	SALACOS® 99	Isononyl Isononanoate	Ikeda
12.70	COSMOL™ 222	Diisostearyl Malate	Ikeda
3.50	Liponate® IPM	Isopropyl Myristate	Vantage
3.50	SALACOS® 5418V	Pentaerythrityl Tetraistearate	Ikeda
2.60	Petroleum G-1958	Petrolatum	Ruger Chemical
1.70	Shea Butter	Shea Butter	BASF
1.70	Lanolin Technical Grade	Lanolin	RITA Corp.
1.00	PHENOXETOL	Phenoxyethanol	Clariant
0.25	SW40R7C	Synthetic Wax (And) Red 7 Lake (And) Isopropyl Titanium Triisostearate	Kobo Products
0.25	SW40Y5A	Synthetic Wax (And) Yellow 5 Lake (And) Isopropyl Titanium Triisostearate	Kobo Products
<b>Part 2</b>			
3.90	MSS-500/3H	Silica	Kobo Products
0.80	Watermelon (FL) CE-181464	Fragrance	Custom Essence
<b>Part 3</b>			
11.55	GMS-I2	Mica (And) Isopropyl Titanium Triisostearate	Kobo Products
10.00	K-RAY® SM OVP AUTUMN GLITTER	Synthetic Fluorophlogopite (And) Silica (And) Iron Oxides (CI 77491) (And) Titanium Dioxide	Kobo Products
2.60	BPD-500W	HDI/Trimethylol Hexyllactone Crosspolymer (And) Silica	Kobo Products
0.85	DSPCS-I2	Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate	Kobo Products
100.00			

## Description:

This Lip Gloss features Kobo's K-RAY® SM OVP AUTUMN GLITTER which provides a unique pearlescent look with a holographic multicolor appearance. SW pigmentary dispersions in Synthetic Wax ease the manufacturing process and support gloss and coverage. GMS-I2 contributes adherence to the lip for longer wear. Kobo's Microsphere, MSS-500/3H, helps with a creamy application. BPD-500W smooths out the appearance of wrinkles and fine lines on the lips. DSPCS-12 gives a lightweight cushion.

## Manufacturing Procedure:

1. Combine Part 1, heat to 80°C and homogenize.
2. Prop mix at 80°C and add Part 2 to batch.
3. Slowly add Part 3 to batch while prop mixing.
4. Cool to 35°C - side sweep slowly.



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KCL-023A

# Men's Grapefruit Hand Sanitizer

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
28.00	Deionized Water	Water	Ruger Chemical
0.70	Glycerin U.S.P. Natural 96%	Glycerin	
<b>Part 2</b>			
0.24	Carbopol® Ultrez 10	Carbomer	Lubrizol, Inc.
<b>Part 3</b>			
67.76	Ethanol 24,511-9	Ethyl Alcohol	Aldrich Chemical Co.
<b>Part 4</b>			
0.20	CE-181466 Grapefruit	Fragrance	Custom Essence
<b>Part 5</b>			
0.10	TEALAN 99%	Triethanolamine	RITA Corp.
<b>Part 6</b>			
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
<b>Part 1</b>			
59.25	Deionized Water	Water	
4.00	Glycerin U.S.P. Natural 96%	Glycerin	Ruger Chemical
0.60	<b>CHARCOPOWDER</b>	Charcoal Powder	<b>Daito/ Kobo Products</b>
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
<b>Part 2</b>			
2.00	Sulfochem™ ES-2CWK	Sodium Laureth Sulfate	Lubrizon
2.00	Deionized Water	Water	
<b>Part 3</b>			
3.50	Ethanol 24,511-9	Ethyl Alcohol	Aldrich Chemical Co.
3.50	BENTONITE,ALBAGEL PREM NF BC	Bentonite	Brenntag Specialties
<b>Part 4</b>			
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	<b>SunBoost ATB™</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
0.20	<b>BTD-401</b>	Titanium Dioxide (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
<b>Part 5</b>			
0.70	Euxyl® PE 9010	Phenoxyethanol (And) Ethylhexylglycerin	Schulke & Mayr
<b>Part 6</b>			
12.40	<b>KTZ® MISTERIOSO PEWTER</b>	Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77499)	<b>Kobo Products</b>
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-144

# Selfie Ready Primer with KoboBlur™ 100 Natural

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
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
<b>Part 2</b>			
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.



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KHP-023

# Platinum Gold Shock Hair Mascara

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
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	<b>KOBOGUARD® HRPC</b>	Hydrogenated Polycyclopentadiene (And) Polyethylene (And) Copernicia Cerifera (Carnauba) Wax (And) Tocopherol	<b>Kobo Products</b>
1.50	Ganex® V-216	VP/Hexadecane Copolymer	Ashland
1.00	Permethyl® 104A	Polyisobutene	Presperse
1.00	Apifil CG	PEG-8 Beeswax	Gattefosse
<b>Part 2</b>			
20.00	Deionized Water	Water	
7.00	<b>K-RAY® MagGold</b>	Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77499)	<b>Kobo Products</b>
2.00	<b>SPC/BLACK NF-I2</b>	Iron Oxides (CI 77499) (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
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
<b>Part 3</b>			
26.95	Deionized Water	Water	
2.00	Butylene Glycol	Butylene Glycol	Ruger Chemical
1.00	KAOLIN	Kaolin	Imerys
1.00	<b>MSS-500W</b>	Silica	<b>Kobo Products</b>
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
<b>Part 4</b>			
14.00	<b>DAITOSOL 5000AD</b>	Acrylates Copolymer (And) Water	<b>Daito/Kobo Products</b>
<b>Part 5</b>			
0.80	Euxyl® PE 9010	Phenoxyethanol (And) Ethylhexylglycerin	Schulke & Mayr
<b>100.00</b>			

## 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, provide 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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