

# FORMULARY

SWSCC Suppliers Day 2018

**KOBO**

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# 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





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) Triethoxycaprylsilane**	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 ratio 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 after feel 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

## 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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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
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 a ball bearing effect, helps to provide increased payoff upon application and gives a silky texture. FLORITE PS-10 helps absorb oil, gives soft focus and enhances feel.

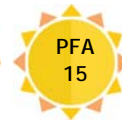
## Manufacturing Procedure:

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-228A-BR Total Protection Foundation



%	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>BPD-500W</b>	HDI/Trimethylol Hexyllactone Crosspolymer (And) Silica	<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. BPD-500W 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-241

# W/O Liquid Foundation with OMQP50XZ4

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
49.90	Deionized Water	Water	
<b>Part 2</b>			
4.50	Glycerin U.S.P. Natural 96%	Glycerin	Ruger Chemical
0.10	Keltrol® CG	Xanthan Gum	CP Kelco
<b>Part 3</b>			
10.00	<b>OMQP50XZ4</b>	Zinc Oxide (And) Octyldodecyl Myristate (And) Polyhydroxystearic Acid (And) Methicone	<b>Kobo Products</b>
9.60	<b>BTD-ASG2</b>	Titanium Dioxide (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
4.80	<b>BYO-ASG3</b>	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
4.00	Parsol® MCX	Ethylhexyl Methoxycinnamate	DSM
3.00	<b>SunBoost ATB™</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
2.50	Abil® WE 09	Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate	Evonik
2.00	Nikko DISM	Diisostearyl Malate	Nikko Chemicals
2.00	Xiameter PMX-200 Silicone Fluid 20CS	Dimethicone	Dow Corning
0.90	<b>BRO-ASG3</b>	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.30	<b>BBO-ASG3</b>	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.25	Lipo® GMS-450	Glyceryl Stearate	Vantage
0.25	Lanette O®	Cetearyl Alcohol	BASF
<b>Part 4</b>			
2.00	KF995	Cyclopentasiloxane	Shin-Etsu
2.00	<b>MST-547</b>	Polymethylsilsesquioxane	<b>Kobo Products</b>
0.90	Optiphen	Caprylyl Glycol (And) Phenoxyethanol	Ashland
<b>Part 5</b>			
1.00	Sepigel™ 305	Polyacrylamide (And) C13-14 Isoparaffin (And) Laureth-7	ChemUnion/Seppi c
100.00			

## Description:

This Foundation contains Kobo's Zinc Oxide Dispersion, OMQP50XZ4 which is a skin protector - UVA/UVB filter. It contains approximately 4.8% nano zinc oxide (whose primary particle size is 20 nm and aggregate particle size is 171 nm) in an ester/oil carrier. This formula also contains Kobo's SunBoost ATB™ which is a proprietary ratio of 3 skin conditioning agents. SunBoost ATB™ helps to boost SPF and PFA. ASG treated pigments are coated with an amino acid. The treated pigments provide a very creamy feel. MST-547 is a microsphere that gives soft focus and enhanced feel.

## Manufacturing Procedure:

1. Pre-mix Part 2 and add to Part 1 while mixing. Heat to 75°C.
2. In a separate vessel, add Part 3 and heat to 75°C.
3. When both phases reach 75°C, add Parts 1 and 2 to Part 3 and mix.
4. Homogenize for 5 minutes at 8000 rpm.
5. Cool to 45°C and add Part 4 then Part 5. Mix well.

## Active Ingredient(s):

Zinc Oxide	4.80%
Ethylhexyl Methoxycinnamate	4.00%



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KPW-007H

# Natural Treated Mineral Powder (Halal Compliant)

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
63.40	<b>GMS-NJE3</b>	Mica (And) Jojoba Esters	<b>Kobo Products</b>
20.00	<b>TALC N-NJE2</b>	Talc (And) Jojoba Esters	<b>Kobo Products</b>
10.00	<b>RBTD-671-NJE2</b>	Titanium Dioxide (And) Jojoba Esters	<b>Kobo Products</b>
5.00	<b>BYO-NJE3</b>	Iron Oxides (CI 77492) (And) Jojoba Esters	<b>Kobo Products</b>
1.00	<b>BRO-NJE2</b>	Iron Oxides (CI 77491) (And) Jojoba Esters	<b>Kobo Products</b>
0.60	<b>BBO-NJE2</b>	Iron Oxides (CI 77499) (And) Jojoba Esters	<b>Kobo Products</b>
100.00			

## Description:

This Natural Treated Mineral Powder features Kobo's NJE treated pigments which enhance feel, application, and adhesion to the skin.

## Manufacturing Procedure:

1. Micropulverize Part 1 until uniform.

## Notes:

This formulation contains Kobo Halal Compliant Ingredients. All other ingredients must be confirmed with each respective supplier for Halal Compliance.





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
<b>100.00</b>			

## 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.





KEL-004B

# Waterproof Gel Eyeliner

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
28.00	Deionized 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-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/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	<b>PM WAX 82</b>	Polyethylene (And) Microcrystalline Wax	<b>Toray/Kobo Products</b>
2.00	Softisan® 100	Hydrogenated Coco-Glycerides	IOI Oleo GmbH
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. With a 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-076C

# Intense Volume and Curl Tube Mascara

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
5.00	Carnauba Wax SP 63P	Copernicia Cerifera (Carnauba) Wax	Strahl & Pitsch
3.50	Lipo® GMS 450	Glyceryl Stearate	Vantage
3.00	Beeswax White Sp 422P	Beeswax	Strahl & Pitsch
2.00	Dermofat 4919	Stearic Acid	Alzo Chemical
2.00	Panalene® H-300E	Hydrogenated Polyisobutene	Lipo Chemicals
1.60	Tween™ 80	Polysorbate 80	Croda
1.00	<b>Plandool™-G</b>	Bis-Behenyl/Isostearyl/Phytosteryl Dimer Dilinoleyl Dimer Dilinoleate	<b>Nippon/Kobo Products</b>
1.00	Prisorine™ 3515	Isostearyl Alcohol	Croda
1.00	ELEMENT14 PDMS 5-A	Dimethicone	Momentive
<b>Part 2</b>			
15.20	Deionized Water	Water	
2.00	Butylene Glycol	Butylene Glycol	Ruger Chemical
0.80	AMP Ultra® PC 2000	Aminomethyl Propanol	Angus Chemical Company
0.15	Natrosol® 250 HHR	Hydroxyethylcellulose	Ashland
0.10	Protacide Na3 EDTA™	Trisodium EDTA	Protameen
0.10	Jeen Potassium Sorbate USP	Potassium Sorbate	Jeen International
0.10	<b>AQUA KEEP 10SH-NFC</b>	Sodium Acrylates Crosspolymer-2	<b>Kobo Products</b>
0.05	S-6W-6	Simethicone	Shin-Etsu
<b>Part 3</b>			
20.00	<b>DAITOSOL 5000AD</b>	Acrylates Copolymer (And) Water	<b>Daito/Kobo Products</b>
20.00	<b>WSJ20EBAMP-O</b>	Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Iron Oxides (CI 77499) (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Aminomethyl Propanol	<b>Kobo Products</b>
10.00	<b>WSJ10CB-NP</b>	Black 2 (And) PEG-40 Hydrogenated Castor Oil (And) Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Aminomethyl Propanol (And) Sodium Dehydroacetate	<b>Kobo Products</b>
5.00	<b>DAITOSOL 5000STY</b>	Styrene/Acrylates Copolymer (And) Water	<b>Daito/Kobo Products</b>
5.00	<b>DAITOSOL U9-40</b>	Water (And) Acrylates Copolymer (And) Polyurethane-1 (And) Alcohol	<b>Daito/Kobo Products</b>
0.60	<b>DSPCS/20N-I2</b>	Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
<b>Part 4</b>			
0.80	Euxyl® PE 9010	Phenoxyethanol (And) Ethylhexylglycerin	Schulke & Mayr
100.00			

## Description:

This mascara's ability to form individual "tubes" around the eyelashes is due to the combination of DAITOSOL 5000STY, DAITOSOL 5000AD, and DAITOSOL U9-40. They give an oversized look to each individual lash upon application. Kobo's black iron oxide dispersion, WSJ20EBAMP-O, and carbon black dispersion, WSJ10CB-NP, provide the deep black color and film forming properties. PLANDOOL™-G helps the mascara glide smoothly onto the lashes. AQUA KEEP 10SH-NFC gels the aqueous phase of the formula. Kobo's microsphere complex DSPCS/20N-I2 gives the lashes both length and volume, while providing them with a long lasting curl.

## Manufacturing Procedure:

Oil Phase :

1. Heat Part 1 (all but dimethicone) to 85-90°C with slow agitation with spatula.

2. Once at 75°C, add dimethicone.

Water Phase (Main Beaker):

1. Record tare weight of main beaker and sweep.

2. Add water to the main beaker. Begin heating to 60°C with prop mixing. Maintain temperature.

3. Add Trisodium EDTA and Potassium Sorbate. Mix until fully dissolved. Begin heating to 85°C.

4. Pre-mix Butylene Glycol, Natrosol®, and AQUA KEEP with spatula. Add mix to the main beaker. Mix until uniform and clear.
5. Add AMP Ultra, mix for 10 minutes.

6. Add Simethicone. Mix 5 mins. Emulsification and cool down:

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

2. Begin to air cool.

3. Change prop to sweep when the bulk becomes thicker.

4. Add film formers and DSPCS/20N-I2 pre-mixed to the batch at 45°C, followed by dispersions, and then Euxyl®.

5. Add back correct amount of Water.

6. Air cool and mix until bulk reaches 28°C, stop mixing.



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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) Distearidimonium Hectorite (And) Propylene Carbonate	Elementis Specialties
3.00	Lexorez® 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.



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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 (CI 19140) (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-166

# Comfort Wear Transfer Resistant Lipstick

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
11.00	Microcrystalline Wax SP-89	Microcrystalline Wax	Strahl & Pitsch
7.00	Permethil® 101A	Isohexadecane	Presperse
7.00	Paraffin Wax 434	Paraffin	Strahl & Pitsch
3.00	KOBOGUARD® HRPC	Hydrogenated Polycyclopentadiene (And) Polyethylene (And) Copernicia Cerifera (Carnauba) Wax (And) Tocopherol	Kobo Products
<b>Part 2</b>			
23.00	KOBOGUARD® MQ65TMF	Trimethylsiloxysilicate (And) Methyl Trimethicone	Kobo Products
10.00	KOBOGUARD® 5400 IDD	Hydrogenated Polycyclopentadiene (And) Isododecane	Kobo Products
0.20	CO40SS	Sodium Saccharin (And) Ricinus Communis (Castor) Seed Oil (And) BHT	Kobo Products
<b>Part 3</b>			
8.00	KTZ® ARUBAN CORAL-I2	Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77491) (And) Isopropyl Titanium Triisostearate	Kobo Products
7.00	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
5.60	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
5.60	PMLVP40R7D	Isododecane (And) Red 7 Lake (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Isopropyl Titanium Triisostearate	Kobo Products
2.10	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
<b>Part 4</b>			
10.50	Permethil® 99A	Isododecane	Presperse
100.00			

## Description:

This transfer resistant lipstick features Kobo's film formers KOBOGUARD® MQ65TMF, KOBOGUARD® HRPC and KOBOGUARD® 5400 IDD. The combination of these three film formers makes the product transfer resistant and comfortable to wear. It also features, PMLVP pigmentary dispersions in Isododecane. PMLVP dispersions provide intense matte coverage to lips. KTZ® ARUBAN CORAL-I2 complements the formula with pearlescent shine and Sodium Saccharin dispersion in Castor Oil, CO40SS, gives a sweet and pleasant taste.

## Manufacturing Procedure:

1. In main beaker add Part 1 and heat to 85°C, keep tightly covered through whole compounding time. Continue to prop mix until everything is in solution.
2. Lower temperature to 75°C. Slowly add Part 2 and mix until uniform.
3. Maintain the same temperature, slowly add Part 3.
4. Maintain 75°C, slowly add Part 4.
5. Direct fill into air tight direct fill lipstick component at 70-75°C.



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KLP-179

# Hot Fuchsia Lipstick with RUBCOULEUR KL501-CL

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
39.30	Protachem™ CTG	Caprylic/Capric Triglyceride	Protameen
28.00	INBP50R28U	Red 28 Lake (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid	Kobo Products
<b>Part 2</b>			
14.70	PM WAX 82	Polyethylene (And) Microcrystalline Wax	Toray/Kobo Products
7.00	Plandool™-H	Phytosteryl/Isostearyl/Cetyl/Stearyl/Behenyl Dimer Dilinoleate	Nippon/Kobo Products
1.00	Lexgard® O	Caprylyl Glycol	Inolex
<b>Part 3</b>			
10.00	RUBCOULEUR KL501-CL	Lauryl Methacrylate/Glycol Dimethacrylate Crosspolymer (And) Acrylates/Ethylhexyl Acrylate/Dimethicone Methacrylate Copolymer	Dainichiseika Color/Kobo Products
100.00			

## Description:

This lipstick features RUBCOULEUR KL501-CL (8µm), which contributes to an extra-smooth feeling on the lips, good glide and wear without feeling dryness overtime. Presence of RUBCOULEUR KL501-CL in the formula smooths lips' appearance and makes them look fuller. PM WAX 82 is a combination of waxes used to structure the formulation. Kobo's INBP50R28U dispersion gives gloss, high color intensity, as well as a creamy feel upon application. INBP Dispersions are available in a wide range of pigments. Plandool™-H is the primary emollient and moisture-protecting agent.

## Manufacturing Procedure:

1. Combine all of Part 1 ingredients and prop mix at 80°C until homogeneous.
2. Add Part 2 to batch, maintain 80°C.
3. Add Part 3 to batch, maintain 80°C.
4. Pour into mold at @75°C.





KLG-024

# Metallic Lip Gloss with Plandool™-G

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
25.20	Wickenol 155	Ethylhexyl Palmitate	Alzo International Inc.
25.00	<b>KOBOGUARD® 5400 CCT</b>	Hydrogenated Polycyclopentadiene (And) Caprylic/Capric Triglyceride	<b>Kobo Products</b>
4.20	<b>TNBP65USI</b>	Titanium Dioxide (And) C12-15 Alkyl Benzoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane (And) Propylene Carbonate (And) Glyceryl Behenate/Eicosadioate	<b>Kobo Products</b>
1.10	<b>TNBP80RSI</b>	Iron Oxides (CI 77491) (And) C12-15 Alkyl Benzoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane (And) Propylene Carbonate (And) Glyceryl Behenate/Eicosadioate	<b>Kobo Products</b>
0.50	<b>TNBP45B1SI</b>	C12-15 Alkyl Benzoate (And) Blue 1 Lake (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane (And) Propylene Carbonate (And) Glyceryl Behenate/Eicosadioate	<b>Kobo Products</b>
<b>Part 2</b>			
15.00	<b>Plandool™-G</b>	Bis-Behenyl/Isostearyl/Phytosteryl Dimer Dilinoleyl Dimer Dilinoleate	<b>Nippon/Kobo Products</b>
7.00	<b>PM WAX 82</b>	Polyethylene (And) Microcrystalline Wax	<b>Toray/Kobo Products</b>
5.00	Bentone Gel® TN V	C12-15 Alkyl Benzoate (and) Stearalkonium Hectorite (and) Propylene Carbonate	Elementis Specialties
<b>Part 3</b>			
9.00	<b>KTZ® BOLERO CROMATICO</b>	Titanium Dioxide (And) Mica (And) Iron Oxides (CI 77491)	<b>Kobo Products</b>
5.00	<b>KTZ® BRONZE</b>	Mica (And) Iron Oxides (CI 77491)	<b>Kobo Products</b>
3.00	<b>CARESS® BN15</b>	Boron Nitride	<b>Bent Tree/Kobo Products</b>
100.00			

## Description:

This metallic lip gloss features PLANDOOL™-G, a plant-derived lanolin alternative ester. This paste provides excellent gloss due to its high refractive index, as well as a moist emollient feel when applied to the lips. The combination of KTZ® pearls provides the metallic effect. Kobo's TNBP Pigmentary Dispersions provide ease to the manufacturing process. KOBOGUARD® 5400 CCT helps to enhance adhesion of the formula onto the lips. PM WAX 82 is a combination of waxes used to structure the formulation. CARESS® BN15, is added to the formula for superior softness and tactility, offering superb spreadability, excellent adherence, and long-lasting effect.

## Manufacturing Procedure:

1. Combine Part 1 and homogenize until pigments are dispersed.
2. Add Part 2 and heat batch to 90° C while prop mixing.
3. Begin to cool and add Part 3. Continue prop mixing.
4. Pour into lip gloss components while still warm (~60°C).





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	<b>COSMOL™ 222</b>	Diisostearyl Malate	<b>Ikeda/Kobo Products</b>
10.00	<b>SALACOS® 99</b>	Isononyl Isononanoate	<b>Ikeda/Kobo Products</b>
10.00	<b>SALACOS® 5418V</b>	Pentaerythrityl Tetraistearate	<b>Ikeda/Kobo Products</b>
1.00	<b>NOMCORT® HK-G</b>	Glyceryl Behenate/Eicosadioate	<b>Ikeda/Kobo Products</b>
<b>Part 2</b>			
20.00	<b>K-RAY® SM COPPER SP</b>	Synthetic Fluorophlogopite (And) Titanium Dioxide (And) Iron Oxides (CI 77491)	<b>Kobo Products</b>
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.





KFL-135C

# Revitalizing Clear Serum with Softspheres™ - Pearl Tan & Pearl White

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
43.50	Deionized Water	Water	Lubrizol, Inc.
0.20	Carbopol® Ultrez 10	Carbomer	
<b>Part 2</b>			
40.40	Glycerin U.S.P. Natural 96%	Glycerin	Ruger Chemical
10.50	<b>CES-1104</b>	Dimethicone (And) Water (And) Glycerin (And) Pentylene Glycol (And) Dimethicone/Vinyl Dimethicone Crosspolymer (And) Amodimethicone (And) Carbomer (And) Phenoxyethanol (And) Sodium Hydroxide (And) Disodium Edta	<b>Avantor/Kobo Products</b>
0.90	Euxyl® PE 9010	Phenoxyethanol (And) Ethylhexylglycerin	Schulke & Mayr
<b>Part 3</b>			
0.50	Sodium Hydroxide 5 N (20%) weight/volume)	Water (And) Sodium Hydroxide	Ricca Chemical Company
<b>Part 4</b>			
2.00	<b>Sp-VEADC56a</b>	Water (And) Propylene Glycol (And) Tocopheryl Acetate (And) Mica (And) Agar (And) Polyquaternium-11 (And) Imidazolidinyl Urea (And) Titanium Dioxide (And) Phenoxyethanol (And) Parabens (And) Iron Oxides (CI 77491)	<b>Kobo Products</b>
2.00	<b>SpS-5coral56a</b>	Water (And) Propylene Glycol (And) Pentylene Glycol (And) Mica (And) Tocopheryl Acetate (And) Polyquaternium-11 (And) Agar (And) Iron Oxides (CI 77491) (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Titanium Dioxide	<b>Kobo Products</b>
100.00			

## Description:

This clear revitalizing serum contains CES-1104, an encapsulated elastomer gel which breaks upon application offering an instantly refreshing feel followed by a velvety silicone after feel. The Softspheres™, Sp-VEADC56a and SpS-5coral56a, add a colorful visual effect to the serum. Both of these Softspheres™ contain entrapped active Tocopheryl Acetate which is delivered to the skin upon breakage of the Softspheres™.

## Manufacturing Procedure:

1. Slowly disperse carbomer into water under slow mixing.
2. Add Part 2 to Part 1 and mix slowly until homogeneous.
3. Neutralize to the desired viscosity with Part 3.
4. Hand mix in Part 4.



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KFL-136B

# Prestige Illuminating Skin Correcting Cream

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
10.50	Xiameter® PMX-200 Silicone Fluid 5CS	Dimethicone	Dow Corning
5.00	KSG-210	Dimethicone (and) Dimethicone/PEG-10/15 Crosspolymer	Shin-Etsu
5.00	TMF-1.5	Methyl Trimethicone	Shin-Etsu
2.75	<b>CXG-1104</b>	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	<b>Avantor/Kobo Products</b>
1.00	KF-6038	Lauryl PEG-9 Polydimethylsiloxylethyl Dimethicone	Shin-Etsu
0.50	Caprylyl Methicone	Caprylyl Methicone	BRB International
<b>Part 2</b>			
0.16	<b>KTZ® ARUBAN CORAL</b>	Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77491)	<b>Kobo Products</b>
<b>Part 3</b>			
6.80	<b>MSS-500/20N</b>	Silica	<b>Kobo Products</b>
6.70	<b>BN09-11S4</b>	Boron Nitride (And) Triethoxycaprylylsilane	<b>Kobo Products</b>
<b>Part 4</b>			
55.29	Deionized Water	Water	
2.80	Zemea®	Propanediol	Du Pont Chemicals
2.00	Glycerin U.S.P. F.C.C. 96%	Glycerin	Ruger Chemical
0.60	Mikrokill® COS	Phenoxyethanol (And) Chlorphenesin (And) Caprylyl Glycol	Ashland
0.50	Ritamectant PCA	Water (And) Sodium PCA	RITA
0.32	Sodium Chloride	Sodium Chloride	Morton Salt
0.08	Protachem™ NA2-P	Disodium EDTA	Protameen
<b>100.00</b>			

## Description:

This formula is a light and fluffy, pale pink cream that applies easily and leaves a porcelain finish on skin. CXG-1104 provides a velvety after feel on skin. KTZ® ARUBAN CORAL adds the elegant pink hue. Low oil absorption MSS-500/20N contributes to a smooth and silky application with an additional soft focus effect. Due to its long lasting affinity on skin, BN09-11S4 provides oil control properties while also giving skin a natural illuminating appearance.

## Manufacturing Procedure:

1. In main vessel, premix Part 1 with a fast speed propeller mixer until the phase is completely mixed, smooth and uniform.
2. With moderate speed mixing, add Part 2 to Part 1. Mix until contents are all dispersed and batch is smooth.
3. With fast speed propeller mixing and side sweep agitation, sprinkle Part 3 into batch. (NOTE: Batch will thicken significantly) Increase mixer speed to accommodate batch thickness and to get uniform dispersion of powders.
4. Pre-mix Part 4 until all ingredients are dissolved and the phase is clear.
5. With fast speed propeller mixing and slow side sweep agitation, SLOWLY add small increments of Part 4 to batch. (Adjust propeller speed as Part 4 is added to maintain a vortex while mixing).
6. When all of Part 4 is added, Fast propeller mix (with side sweep agitation) the batch for 10 minutes until the batch is completely smooth and uniform.  
(If any water droplets are visible in the batch, continue to fast propeller mix until all water is internally emulsified).



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KFL-143

# Men's Natural Oil Scrub

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
93.74	<b>JOS10M5</b>	Simmondsia Chinensis (Jojoba) Seed Oil (And) Silica	<b>Kobo Products</b>
5.00	<b>KoboScrub™ SD-200</b>	Silica	<b>Kobo Products</b>
0.50	<b>Euxyl® PE 9010</b>	Phenoxyethanol (And) Ethylhexylglycerin	Schulke & Mayr
0.15	<b>KTZ® MISTERIOSO PEWTER</b>	Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77499)	<b>Kobo Products</b>
0.15	<b>KTZ® EBONY</b>	Iron Oxides (CI 77499) (And) Mica	<b>Kobo Products</b>
0.01	<b>CO60B</b>	Iron Oxides (CI 77499) (And) Ricinus Communis (Castor) Seed Oil (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
<b>Part 2</b>			
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-144A

# Line Minimizing Primer with GWC-150E

%	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	<b>CXG-1104</b>	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	<b>Avantor/Kobo Products</b>
8.00	ELEMENT14 PDMS 5-A	Dimethicone	Momentive
<b>Part 2</b>			
15.00	<b>GWC-150E</b>	Polybutyl Acrylate (And) Silica	<b>GuideWin/Kobo Products</b>
100.00			

## Description:

This Line Minimizing Primer features polymer microsphere, GWC-150E, which smooths the appearance of fine lines and wrinkles. It also contributes to the lightweight feel and even application of the formula. CXG-1104 imparts 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.





KFL-159

# Pre-Treatment Spray for Under Sheet Mask

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
66.08	Deionized Water	Water	
1.50	Avicel® PC 591	Microcrystalline Cellulose (and) Cellulose Gum	FMC Biopolymer/ Earth Supplied Science
<b>Part 2</b>			
15.00	Exilva FM 02-V	Water (And) Cellulose	Borregaard/Kobo Products
<b>Part 3</b>			
6.00	Glycerin U.S.P. F.C.C. 96%	Glycerin	Ruger Chemical
5.00	Ritamectant PCA	Sodium PCA	RITA
0.15	Protachem™ NA2-P	Disodium EDTA	Protameen
0.02	CE-181666 Bamboo & Gingerlily (NF)	Limonene d (And) Linalool	Custom Essence
<b>Part 4</b>			
3.50	Zemea®	Propanediol	Dupont Tate & Lyle
0.50	Symsave® H	Hydroxyacetophenone	Symrise
<b>Part 5</b>			
0.50	Gs-SA2B	Butylene Glycol (And) Water (And) Salicylic Acid (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Phenoxyethanol (And) Parabens (And) Hydrogenated Lecithin	Kobo Products
0.50	Gs-RES	Water (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Vitis Vinifera (Grape) Vine Extract (And) Phenoxyethanol (And) Parabens (And) Hydrogenated Lecithin	Kobo Products
0.50	Gs-PPY	Water (And) Papain (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Phenoxyethanol (And) Hydrogenated Lecithin (And) Parabens	Kobo Products
0.50	Cn-UR1000S	Water (And) Urea (And) Pentylene Glycol (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Hydrogenated Lecithin	Kobo Products
0.25	Gs-VACE	Butylene Glycol (And) Water (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Phenoxyethanol (And) Ascorbic Acid (And) Parabens (And) Hydrogenated Lecithin (And) Tocopherol (And) Polysorbate 20 (And) Retinol (And) BHT (And) BHA	Kobo Products
100.00			

## Description:

A pre-treatment that is sprayed on the face right before applying any type of sheet mask. Product starts out as an opaque gelatinous cream that transforms into a very fine mist when dispensed from a spray pump. Exilva FM 02-V provides the unique shear thinning properties and re-thickens on the face to keep actives in place. Glycospheres Gs-PPY, Gs-VACE, Gs-SA2B, Gs-RES and Cn-UR1000S, protect and deliver active ingredients for skin lightning and anti-aging.

## Manufacturing Procedure:

1. Under moderate homogenization, sprinkle Avicel® into water (Part 1) and homogenize for 10 minutes.
2. Add Part 2 and homogenize well until the batch is smooth and lump-free.
3. With slow to medium speed homogenization, add Part 3 ingredients, one at a time.
4. Pre-mix Part 4 and add to the batch with medium speed homogenization.
4. Transfer batch to a propeller mixer and add Part 5 ingredients with moderate speed propeller agitation.



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KMU-028

# Facial Hydrating Finishing Spray with Exilva FM 02-V

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
66.00	Deionized Water	Water	
1.00	Avicel® PC 591	Cellulose (And) Microcrystalline Cellulose	Earth Supplied Products, LLC
<b>Part 2</b>			
15.00	Exilva FM 02-V	Water (And) Cellulose	Borregaard/Kobo Products
2.50	Glycerin U.S.P. F.C.C. 96%	Glycerin	Ruger Chemical
0.15	EDTA BD	Disodium EDTA	BASF Corporation
<b>Part 3</b>			
5.00	Deionized Water	Water	
0.25	PVP K-30	Poly(Vinyl Pyrrolidone)	Ashland
<b>Part 4</b>			
3.50	Zemea®	Propanediol	Du Pont Chemicals
0.50	Symsave® H	Hydroxyacetophenone	Symrise
0.50	PHENOXETOL	Phenoxyethanol	Clariant
<b>Part 5</b>			
5.00	Ritamectant PCA	Water (And) Sodium PCA	RITA Corp.
0.30	Gs-VACE	Butylene Glycol (And) Water (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Phenoxyethanol (And) Ascorbic Acid (And) Parabens (And) Hydrogenated Lecithin (And) Tocopherol (And) Polysorbate 20 (And) Retinol (And) BHT (And) BHA	Kobo Products
0.30	Cn-HAHWS	Water (And) Pentylene Glycol (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Sodium Hyaluronate (And) Hydrogenated Lecithin	Kobo Products
100.00			

## Description:

This white, translucent gel-type liquid can be sprayed with a fine mist pump for a hydrating and finishing look. Exilva FM 02-V provides the unique pseudoplastic rheology of the product; The formula becomes a sprayable thin liquid when sheered and resets in thickness immediately after the shear is stopped. Exilva® M 02-V also dries to a smooth soft film for exceptional skin feel. Kobo Glycosphere Gs-VACE provides encapsulated Retinol (Vitamin A), Ascorbic Acid (Vitamin C) and Tocopherol (Vitamin E). Cn-HAHWS provides encapsulated Sodium Hyaluronate (Skin moisturizer).

Product requires a shaker ball for shake-before-use application.

## Manufacturing Procedure:

1. Pre-mix Part 1 with fast speed propeller mixing.
2. Add Part 2 to batch and mix with fast speed propeller mixing for 30 minutes.
3. With medium speed mixing, add Part 3 ingredients one at a time.
4. Pre-mix Part 4 and add to the batch with medium speed mixing.
5. Maintaining medium speed mixing, add Part 5 ingredients one at a time.





KHP-022

# Hair Conditioner with Plandool™-LG4

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
81.95	Deionized Water	Water	
4.00	Glycerin U.S.P. F.C.C 96%	Glycerin	Ruger Chemical
3.50	Ammonyx® Cetac-30	Water (And) Cetrimonium Chloride	Stepan Company
0.05	Dermofeel® PA-3	Sodium Phytate (And) Aqua (And) Alcohol	Kinetik Technologies, Inc.
<b>Part 2</b>			
4.00	Lanette® O	Cetearyl Alcohol	BASF
2.50	Genamin® BTLF	Behentrimonium Chloride	Clariant
2.00	<b>Plandool™-LG4</b>	Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate	<b>Nippon/Kobo Products</b>
<b>Part 3</b>			
1.00	Xiameter® OFX-8220 Fluid	Amodimethicone	Dow Corning
<b>Part 4</b>			
0.50	Glydant®	DMDM Hydantoin	Lonza
0.50	CE-181964	Fragrance	Custom Essence
<b>100.00</b>			

## Description:

This conditioning formula is a white, thick lotion that spreads easily into wet hair and provides conditioning and gloss for all hair types. KOBO's PLANDOOL™-LG4 provides the product's hair conditioning and gloss properties without leaving a heavy, greasy film.

## Manufacturing Procedure:

1. Add Part 1 in main vessel and heat to 85°C with moderate propeller mixing.
2. Heat Part 2 to 85°C. Mix well and continue heating until clear and uniform.
3. Add Part 3 to Part 2, then add Part 2 and 3 to Part 1 with fast propeller mixing.
4. Continue propeller mixing while cooling batch to 50°C.
5. Add Part 4 ingredients, one at a time, to batch with moderate propeller mixing. (Batch will begin to thicken at temperature below 45°C)
6. Cool batch while propeller mixing at fast speed while side sweeping until batch reaches 35 to 40 °C. Drop batch immediately.





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 Trilostearate	<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-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
<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
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:

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

Grind Phase:

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

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

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

Water Phase: (main beaker)

- Record tare weight of main beaker and sweep.

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

- Add Trisodium EDTA.

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

- Add grind phase.

- Heat to 85°C.

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

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

- Begin to air cool.

- Change to sweep when the bulk becomes thicker.

- Add film former to batch at 45°C.

- Add Euxyl PE 9010.

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

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



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