

# FORMULARY

Expo Cosmética 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) Distearidimonium 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-365

# W/Si Volatile Non-D5 Smooth Sunscreen Milk



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
27.10	<b>MTM3K50XZ4</b>	Zinc Oxide (And) Methyl Trimethicone (And) PEG-10 Dimethicone (And) Methicone	<b>Kobo Products</b>
20.00	<b>MTM3F40T7</b>	Methyl Trimethicone (And) Titanium Dioxide (And) Alumina (And) Hydrogen Dimethicone (And) Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone	<b>Kobo Products</b>
7.50	Parsol® MCX	Ethylhexyl Methoxycinnamate	DSM
4.00	KF-6017	PEG-10 Dimethicone	Shin-Etsu
3.00	Xiameter® PMX-200 Silicone Fluid 5CS	Dimethicone	Dow Corning
3.00	<b>SunBoost ATB™</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
3.00	<b>SP-10</b>	Nylon-12	<b>Kobo Products</b>
3.00	KSG-710	Dimethicone (and) Dimethicone/Polyglycerin-3 Crosspolymer	Shin-Etsu
3.00	Dermol 2014	Octyldodecyl Myristate	Alzo International Inc.
3.00	<b>CXG-1104</b>	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	<b>Avantor/Kobo Products</b>
2.00	SR1000	Trimethylsiloxy silicate	Momentive
<b>Part 2</b>			
10.50	Deionized Water	Water	
5.00	Ethanol 24,511-9	Ethyl Alcohol	Aldrich Chemical Co.
5.00	Butylene Glycol	Butylene Glycol	Ruger Chemical
0.90	PHENOXYTOL	Phenoxyethanol	Clariant
100.00			

## Description:

This W/Si Volatile Non-D5 Smooth Sunscreen Milk features MTM3K50XZ4 and MTM3F40T7 that mimic the volatility of cyclic silicones. These Sunscreen dispersions provide minimal whitening and highly effective protection throughout the UV region. Kobo's SunBoost ATB™ is a booster to help increase the SPF/PFA values. CXG-1104 imparts a creamy, gel texture to the product, and SP-10 gives a creamy slip during application.

## Manufacturing Procedure:

1. Combine Part 1 and homogenize until fully dispersed.
2. Combine Part 2 and mix until homogeneous.
3. Slowly add Part 2 into Part 1 while homogenizing.

## Active Ingredient(s):

Zinc Oxide	13.00%
Titanium Dioxide	6.30%
Ethylhexyl Methoxycinnamate	7.50%

## Testing:

SPF: in vivo on 3 subjects  
CW: FDA method



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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	IOI Oleo GmbH
<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
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:

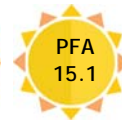
1. Combine all Part 1 ingredients and homogenize until fully dispersed.
2. Add Part 2 fully mixed to the dispersed Part 1.
3. Add Part 3 while prop mixing.







# 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) Disteardimonium 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-233-BR Ultra Matte Foundation

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
37.17	Deionized Water	Water	
3.00	Glicerina	Glycerin	CAAL
1.00	Tego® SML 20	Polysorbate 20	Evonik
0.75	Cloreto de Sódio	Sodium Chloride	CAAL
<b>Part 2</b>			
18.00	KF-995	Cyclopentasiloxane	Shin-Etsu
10.00	<b>RBTD-671-11S2</b>	Titanium Dioxide (And) Triethoxycaprylylsilane	<b>Kobo Products</b>
9.00	<b>T.I.O.</b>	Triethylhexanoin	<b>Ikeda/Kobo Products</b>
3.00	Bentone Gel® VS 5 PCV	Cyclopentasiloxane (And) Distearidimonium Hectorite (And)Propylene Carbonate	Cosmotec
2.50	Abil® EM 90	Cetyl PEG/PPG-10/1 Dimethicone	Evonik
1.25	<b>BYO-11S2</b>	Iron Oxides (CI 77492) (And) Triethoxycaprylylsilane	<b>Kobo Products</b>
1.00	Cosmoguard® SL CP	Phenoxyethanol (and) Ethylhexylglycerin	Cosmotec
0.30	<b>BRO-11S2</b>	Iron Oxides (CI 77491) (And) Triethoxycaprylylsilane	<b>Kobo Products</b>
0.03	<b>BBO-11S2</b>	Iron Oxides (CI 77499) (And) Triethoxycaprylylsilane	<b>Kobo Products</b>
<b>Part 3</b>			
10.00	<b>EA-209</b>	Ethylene/Acrylic Acid Copolymer	<b>Kobo Products</b>
3.00	<b>MSS-500/3H</b>	Silica	<b>Kobo Products</b>
100.00			

## Description:

This foundation has Triethoxycaprylylsilane treated pigments, that offer water repellency. T.I.O is an emollient that offers a pleasant skin feel and helps with the matte effect. EA-209 is a microsphere responsible for soft focus effect and enhanced feel. The dry touch and matte effect are imparted by porous silica microsphere MSS-500/3H.

## Manufacturing Procedure:

1. Mix Part 2 until complete dispersion of the pigments.
2. Combine Part 1 and add slowly to Part 2.
3. Add Part 3 and mix until homogeneous.





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-109-EU

# TiO<sub>2</sub>-Free Pressed Powder

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
84.50	TALC AJM	Talc	Kobo Products
5.00	CARESS® BN02	Boron Nitride	Kobo Products
4.00	BYO-I2	Iron Oxides (CI 77492) (And) Isopropyl Titanium Triisostearate	Kobo Products
1.30	BRO-I2	Iron Oxides (CI 77491) (And) Isopropyl Titanium Triisostearate	Kobo Products
0.70	BBO-I2	Iron Oxides (CI 77499) (And) Isopropyl Titanium Triisostearate	Kobo Products
<b>Part 2</b>			
4.00	Tegosoft® CT	Caprylic/Capric Triglyceride	Evonik
0.50	SymDiol® 68	1,2-Hexanediol (and) Caprylyl Glycol	Symrise
100.00			

## Description:

This TiO<sub>2</sub>-Free Pressed Powder features ITT treated pigments, that improve pressability and skin adherence. TALC AJM is a micronized filler that offers superior skin feel and contributes to pressability as well. CARESS® BN02 gives opacity and a luxurious feel.

## Manufacturing Procedure:

1. Blend Part 1 ingredients and mix until color is fully developed.
2. Add Part 2 and mix until liquids are fully dispersed.
3. Pass powder through 400 micron sieve.
4. Press at 1000 psi.



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KEL-019B-EU  
**Luster Shine Eyeliner**

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
68.00	Deionized Water	Water	
3.00	Glycerin	Glycerin	Mapric
1.00	Natrosol® 250 HHR CS	Hydroxyethylcellulose	Ashland
<b>Part 2</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>
<b>Part 3</b>			
15.00	<b>KOBOPEARL® PERPETUAL LUSTER GreenBlue</b>	Synthetic Fluorophlogopite (And) Silica (And) Titanium Dioxide	<b>Kobo Products</b>
<b>Part 4</b>			
2.00	<b>SP-10</b>	Nylon-12	<b>Kobo Products</b>
1.00	Symdiol® 68	1,2-Hexanediol (And) Caprylyl Glycol	Symrise
100.00			

**Description:**

This eyeliner features WSJ10CB-NP, an easy-to-use Carbon Black water dispersion that gives an intense and strong black color with film-forming properties, contributing to long wear. SP-10 is a microsphere that offers a more uniform application. And KOBOPEARL® PERPETUAL Luster GreenBlue gives a unique sparkly reflection.

**Manufacturing Procedure:**

1. Add Part 1 and heat to 75°C until a gel is formed.
2. Cool to 50°C and add Part 2 ingredients.
3. Mix at low speed to avoid air incorporation.
4. Add Parts 3 and 4 and mix.





KEY-089

# Lustrous Gold Eyeshadow with KTZ® SM NOBLE GOLD

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
38.89	SERICITE GMS-4C	Mica	Kobo Products
24.00	TALC N-12	Talc (And) Isopropyl Titanium Triisostearate	Kobo Products
3.00	MSS-500/20N	Silica	Kobo Products
0.15	Methyl Paraben NF	Methylparaben	International Sourcing
0.10	Propyl Paraben NF	Propylparaben	International Sourcing
<b>Part 2</b>			
3.37	Xiameter® PMX-200 Silicone Fluid 1000 CS	Dimethicone	Dow Corning
3.37	ELEMENT14 PDMS 100	Dimethicone	Momentive
3.36	Xiameter® PMX-200 Silicone Fluid 20 CS	Dimethicone	Dow Corning
<b>Part 3</b>			
23.76	KTZ® SM NOBLE GOLD	Synthetic Fluorophlogopite (And) Titanium Dioxide (And) Iron Oxides (CI 77491)	Kobo Products
100.00			

## Description:

This pressed eyeshadow features KTZ® SM NOBLE GOLD, which gives a unique shimmer gold color to the formula. Kobo's Isopropyl Titanium Triisostearate (ITT) treated Talc provides good skin affinity, a creamy feel and helps improve compressibility. MSS-500/20N is a Silica Microsphere that helps with payoff and provides a nice feel upon application. 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.
2. In a side beaker, add Part 2 and mix until homogeneous.
3. Slowly add Part 2 to Part 1 in blender and mix until fully uniform.
4. Add Part 3 to blender and mix until uniform.
5. Press at 500psi.



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KEY-089A

# Antique Bronze Eyeshadow with KTZ® SM BRASSY BRONZE

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
38.89	SERICITE GMS-4C	Mica	Kobo Products
24.00	TALC N-12	Talc (And) Isopropyl Titanium Triisostearate	Kobo Products
3.00	MSS-500/20N	Silica	Kobo Products
0.15	Methyl Paraben NF	Methylparaben	International Sourcing
0.10	Propyl Paraben NF	Propylparaben	International Sourcing
<b>Part 2</b>			
3.37	Xiameter® PMX-200 Silicone Fluid 1000 CS	Dimethicone	Dow Coming
3.37	ELEMENT14 PDMS 100	Dimethicone	Momentive
3.36	Xiameter® PMX-200 Silicone Fluid 20 CS	Dimethicone	Dow Coming
<b>Part 3</b>			
23.76	KTZ® SM BRASSY BRONZE	Synthetic Fluorphlogopite (And) Iron Oxides (CI 77491)	Kobo Products
100.00			

## Description:

This pressed eyeshadow features KTZ® SM BRASSY BRONZE which gives a unique shimmer bronze color to the formula. Kobo's Isopropyl Titanium Triisostearate (ITT) treated Talc provides good skin affinity, a creamy feel and helps improve compressibility. MSS-500/20N is a Silica Microsphere that helps with payoff and provides a nice feel upon application. 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.
2. In a side beaker, add Part 2 and mix until homogeneous.
3. Slowly add Part 2 to Part 1 in blender and mix until fully uniform.
4. Add Part 3 to blender and mix until uniform.
5. Press at 500psi.



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KEY-089B

# Iridescent Rose Eyeshadow with KTZ® SM CINNABAR

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
38.89	SERICITE GMS-4C	Mica	Kobo Products
24.00	TALC N-12	Talc (And) Isopropyl Titanium Triisostearate	Kobo Products
3.00	MSS-500/20N	Silica	Kobo Products
0.15	Methyl Paraben NF	Methylparaben	International Sourcing
0.10	Propyl Paraben NF	Propylparaben	International Sourcing
<b>Part 2</b>			
3.37	Xiameter® PMX-200 Silicone Fluid 1000 CS	Dimethicone	Dow Coming
3.37	ELEMENT14 PDMS 100	Dimethicone	Momentive
3.36	Xiameter® PMX-200 Silicone Fluid 20 CS	Dimethicone	Dow Coming
<b>Part 3</b>			
23.76	KTZ® SM CINNABAR	Synthetic Fluorophlogopite (And) Iron Oxides (CI 77491)	Kobo Products
100.00			

## Description:

This pressed eyeshadow features KTZ® SM CINNABAR which gives a unique shimmery red color to the formula. Kobo's Isopropyl Titanium Triisostearate (ITT) treated Talc provides good skin affinity, a creamy feel and helps improve compressibility. MSS-500/20N is a Silica Microsphere that helps with payoff and provides a nice feel upon application. 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.
2. In a side beaker, add Part 2 and mix until homogeneous.
3. Slowly add Part 2 to Part 1 in blender and mix until fully uniform.
4. Add Part 3 to blender and mix until uniform.
5. Press at 500psi.



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KMA-074E

# Conventional Mascara with KOBOGUARD® 50AMP

%	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>			
15.00	Deionized Water	Water	
10.00	<b>BLACK NF</b>	Iron Oxides (CI 77499)	<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>			
25.85	Deionized Water	Water	
2.00	<b>MSS-500W</b>	Silica	<b>Kobo Products</b>
2.00	<b>KoboMica S-25</b>	Mica	<b>Kobo Products</b>
2.00	Butylene Glycol	Butylene Glycol	Ruger Chemical
2.00	KAOLIN	Kaolin	Imerys
0.50	AMP ULTRA® PC 2000	2-Amonoisobutanol	Angus Chemical Company
0.30	Natrosol® 250 HHR CS	Hydroxyethylcellulose	Ashland
0.20	Keltrol® CG	Xanthan Gum	CP Kelco
0.10	Trisodium EDTA	Trisodium EDTA	Spectrum Chemical
<b>Part 4</b>			
14.50	<b>KOBOGUARD® 50AMP</b>	Acrylates/Ethylhexyl Acrylate Copolymer (And) Water (And) Aminomethyl Propanol	<b>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 5</b>			
0.80	Euxyl® PE 9010	Phenoxyethanol (And) Ethylhexylglycerin	Schulke & Mayr
100.00			

## Description:

This conventional mascara features Kobo's high oil absorption microsphere complex, DSPCS/20N-I2, for length, volume and long-lasting curl. KOBOGUARD® HRPC plasticizes the wax complex, and allows the mascara to be buildable upon application. KOBOGUARD® 50AMP also contributes to water-resistant properties. BLACK NF provides deep black color to the mascara. The combination of KoboMica S-25 and MSS-500W provides thickness and body, while contributing to volume on the lashes.

## Manufacturing Procedure:

Oil Phase:

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

Grind Phase:

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

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

4. Sprinkle Black NF into the vortex. Mix until pigment is wet out.

5. Transfer to homogenizer for 30 minutes.

Water Phase: (main beaker)

6. Record tare weight of main beaker & 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®, & Xanthan Gum.

10. Add grind phase.

11. Heat to 85°C.

12. Add AMP Ultra to batch. Then sprinkle in MSS-500W, Kaolin, & KoboMica S-25.

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

14. Begin to air cool.

15. Change to sweep when the bulk becomes thicker.

16. Pre-mix film former with DSPCS/20N-I2 and add to batch at 45°C.

17. Add Euxyl® PE 9010.

18. Mix together for 5 minutes & QS missing weight with H2O.

29. Cool & mix until bulk reaches 28°C.





KLP-176

# Ever Lasting Liquid Lipstick with KOBOGUARD® MQ65TMF

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
54.20	<b>KOBOGUARD® MQ65TMF</b>	Trimethylsiloxysilicate (And) Methyl Trimethicone	<b>Kobo Products</b>
5.00	SR1000	Trimethylsiloxysilicate	Momentive
<b>Part 2</b>			
15.30	<b>RED 6BA C-11S5</b>	Red 6 Lake (And) Triethoxycaprylylsilane	<b>Kobo Products</b>
10.00	Eastman™ SAIB-90EA	Sucrose Acetate Isobutyrate (and) Ethyl Acetate	Eastman Chemical
7.20	SILSOFT ETS	Ethyl Trisiloxane	Momentive
2.20	<b>CPF-3300@10cSt</b>	Phenyl Trimethicone	<b>Avantor/Kobo Products</b>
2.00	<b>BBO-11S2</b>	Iron Oxides (CI 77499) (And) Triethoxycaprylylsilane	<b>Kobo Products</b>
1.20	<b>BFF-11S2</b>	Ferric Ammonium Ferrocyanide (And) Triethoxycaprylylsilane	<b>Kobo Products</b>
0.90	Germaben® II	Propylene Glycol (And) Diazolidinyl Urea (And) Methylparaben (And) Propylparaben	Ashland
<b>Part 3</b>			
2.00	<b>KTZ® CRIMSON</b>	Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77491) (And) Carmine	<b>Kobo Products</b>
100.00			

## Description:

This Ever Lasting Liquid Lipstick features KOBOGUARD® MQ65TMF, a flexible film former solubilized in Methyl Trimethicone. This material offers flexibility, comfort, breathability through application, good wear and water resistance. Kobo's 11S treatment helps to provide this formula with adhesion to the lips and gives a creamy feel. KTZ® CRIMSON compliments pigments with a nice pinkish tint and shimmer. CPF-3300@10cSt is an emollient silicone with low viscosity which adds light feel and spreadability during application.

## Manufacturing Procedure:

1. Combine Part 1 and heat to 80°C with prop mix.
2. Reduce Part 1 to 45°C and add Part 2. Homogenize.
3. Add Part 3 to batch under prop mix.
4. Side sweep batch and cool to 30°C.





KLG-085

# BlueBerry Stain Lip Gloss with DIS10M5

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
50.00	<b>DISM10M5</b>	Diisostearyl Malate (And) Silica	<b>Kobo Products</b>
10.00	<b>HL7M5</b>	Hydrogenated Polyisobutene (And) Silica	<b>Kobo Products</b>
7.00	COSMOL™ 5418V	Pentaerythrityl Tetraisostearate	Ikeda
5.00	JEECHEM CTG	Caprylic/Capric Triglyceride	Jeen International
4.70	Floramac® 10	Ethyl Macadamiate	Essential Ingredients
4.00	KF-6017	PEG-10 Dimethicone	Shin-Etsu
3.90	Elefac I-205	Octyldodecyl Neopentanoate	Bernel
3.50	Xiameter® PMX-200 Silicone Fluid 5CS	Dimethicone	Dow Corning
2.50	<b>PMLVP50R28A</b>	Red 28 Lake (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>
2.00	Permethil® 99A	Isododecane	Presperse
2.00	<b>KTZ® MISTERIOSO BLUE</b>	Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77499)	<b>Kobo Products</b>
2.00	<b>KOBOGUARD® MQ65TMF</b>	Trimethylsiloxysilicate (And) Methyl Trimethicone	<b>Kobo Products</b>
0.70	Pluracare® E 400 NF	PEG-8	BASF
0.50	PROPYLENE CARBONATE	Propylene Carbonate	Spectrum Chemical
0.20	Bentone® 38 V CG	Disteardimonium Hectorite	Essential Ingredients
<b>Part 2</b>			
1.90	Denatured Ethanol	Alcohol	Chemical.net
0.10	CITRIC ACID USP ANHYDROUS FINE GRANULAR	Citric Acid	VWR Scientific Products
100.00			

## Description:

This Lip Gloss is obtained by using DISM10M5 gellant, which provides structure and shine to the formula. HL7M5 provides cushion and slip. PMLVP dispersions offer full color development and better stability. KOBOGUARD® MQ65TMF is a flexible film former that provides comfort, breathability through application, good wear and water resistance. KTZ® MISTERIOSO BLUE imparts a unique color effect.

## Manufacturing Procedure:

1. Combine all Part 1 and high shear prop mix until uniform.
2. Add Part 2 to batch, mix until homogeneous.





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.





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).





# KFL-138A-EU Silicone-Free Primer

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
57.50	Deionized Water	Water	
4.00	Glycerin	Glycerin	Interchimie
1.00	Triethanolamine 99%	Triethanolamine	Acros
1.00	Tego® SML 20	Polysorbate 20	Evonik
0.20	Keltrol® CG-T	Xanthan Gum	CP Kelco
<b>Part 2</b>			
10.00	Tegosoft® CT	Caprylic/Capric Triglyceride	Evonik
5.00	Jojoba Oil	Simmondsia Chinensis (Jojoba) Seed Oil	Desert Whale
3.50	Dermofat 4919	Stearic Acid	Alzo
1.50	Tegin® M Pellets	Glyceryl Stearate	Evonik
1.50	Alcool 1618 50/50	Cetearyl Alcohol	Stéarinerie-Dubois
0.50	Vitamin E-Acetate Care	Tocopheryl Acetate	BASF
<b>Part 3</b>			
8.00	<b>KoboBlur™ 100 Natural</b>	Silica (And) Cellulose (And) Mica (And) Barium Sulfate (And) Titanium Dioxide (And) Jojoba Esters	<b>Kobo Products</b>
5.00	<b>MSS-500W</b>	Silica	<b>Kobo Products</b>
1.00	SymDiol® 68	1,2-Hexanediol (and) Caprylyl Glycol	Symrise
0.30	Feminite 48	Parfum	Givaudan
<b>100.00</b>			

## Description:

This Instant Blur Serum features KoboBlur™ 100 Natural, a powder complex with the capacity to hide skin imperfections in a variety of media and offer a nice skin feel. MSS-500W is a silica microsphere that gives a dry touch and matte effect.

## Manufacturing Procedure:

1. Add Part 1 and mix to 80°C while mixing.
2. Pre-mix Part 2 and heat to 80°C.
3. Add Part 2 to Part 1 in a slurry.
4. Cool to 50°C while mixing.
5. Add Part 3 and mix until homogeneous.
6. Cool to room temperature while mixing.





KFL-143  
Men's 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 Trilisostearate	<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.





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	Permethy® 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
100.00			

## Description:

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

## Manufacturing Procedure:

Oil Phase:

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

Grind Phase:

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

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

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

Water Phase: (main beaker)

6. Record tare weight of main beaker and sweep.

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

8. Add Trisodium EDTA.

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

10. Add grind phase.

11. Heat to 85°C.

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

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

14. Begin to air cool.

15. Change to sweep when the bulk becomes thicker.

16. Add film former to batch at 45°C.

17. Add Euxyl PE 9010.

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

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



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