

# FORMULARY

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**KOBO**

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KSL-269A

# Balanced W/O Sunscreen Milk



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
35.00	<b>CM3K50XZ4</b>	Zinc Oxide (And) Cyclopentasiloxane (And) PEG-10 Dimethicone (And) Methicone	<b>Kobo Products</b>
30.00	<b>CM3K40T4</b>	Cyclopentasiloxane (And) Titanium Dioxide (And) PEG-10 Dimethicone (And) Alumina (And) Hydrogen Dimethicone	<b>Kobo Products</b>
11.50	Permethyl 99A	Isododecane	Presperse
3.00	<b>BPD-500</b>	HDI/Trimethylol Hexyllactone Crosspolymer (And) Silica	<b>Kobo Products</b>
2.00	KSP-102	Vinyl Dimethicone/Methicone Silsesquioxane Crosspolymer	Shin Etsu
1.00	Lipo Polyglycol® 400	PEG-8	Vantage
0.50	Wickenol 155	Ethylhexyl Palmitate	Alzo International Inc.
<b>Part 2</b>			
1.50	SR1000	Trimethylsiloxysilicate	Momentive
1.50	Permethyl 99A	Isododecane	Presperse
<b>Part 3</b>			
7.75	Deionized Water	Water	
5.00	Glycerin U.S.P. Natural 96%	Glycerin	Ruger Chemical
1.00	Germaben® II	Propylene Glycol (And) Diazolidinyl Urea (And) Methylparaben (And) Propylparaben	ISP
0.20	Sodium Citrate	Sodium Citrate	DSM Nutritional Products
0.05	EDTA-3Na	Trisodium EDTA	DSM Nutritional Products
100.00			

## Description:

A very thin 'milk' type sunscreen with high SPF and UVA that glides effortlessly onto the skin. CM3K40T4 is a low-whitening TiO2 dispersion that allows the formula to attain a high SPF. ZnO dispersion, CM3K50XZ4 improves UVA to yield a UV Balanced formula with minimal whitening. Kobo Microsphere, BPD-500, gives soft focus and enhanced feel.

## Manufacturing Procedure:

1. Dissolve and disperse each Part uniformly.
2. Combine Part 2 with propeller mixing for 1 hour until homogeneous.
3. While mixing Part 1 with homogenizer at 2500rpm, add Part 2 to Part 1 gradually.
4. Combine Part 3 until homogeneous.
5. Slowly add Part 3 to Parts 1 and 2 at 4000rpm for 5 minutes with homogenizer.

## Active Ingredient(s):

Titanium Dioxide	8.70%
Zinc Oxide	16.10%

## Testing:

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



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KSL-279D

# O/W Moisturizing Gel Sunscreen with CES-1104



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
55.65	Deionized Water	Water	
<b>Part 2</b>			
0.40	Di-Sodium Tetraborate Decahydrate	Sodium Borate	EMD Chemicals Inc.
0.40	Polysorbate 20	Polysorbate 20	RITA Corp.
0.20	Gs-GT	Water (And) Camellia Sinensis Leaf Extract (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Phenoxyethanol (And) Parabens (And) Hydrogenated Lecithin	Kobo Products
0.20	Gs-PPY	Water (And) Papain (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Phenoxyethanol (And) Hydrogenated Lecithin (And) Parabens	Kobo Products
0.20	Gs-VA100C	Butylene Glycol (And) Water (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Polysorbate 20 (And) Retinol (And) Phenoxyethanol (And) Parabens (And) Hydrogenated Lecithin (And) BHT (And) BHA	Kobo Products
0.20	Gs-VE	Water (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Phenoxyethanol (And) Tocopherol (And) Parabens (And) Hydrogenated Lecithin	Kobo Products
0.15	DiSodium EDT A	DiSodium EDT A	Dow Chemical
<b>Part 3</b>			
3.00	Butylene Glycol	Butylene Glycol	Ruger Chemical
2.40	Glycerin U.S.P. Natural 96%	Glycerin	Ruger Chemical
0.20	KELTROL® CG	Xanthan Gum	CP Kelco
<b>Part 4</b>			
2.00	Simulgel™ EG	Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Isohexadecane (And) Polysorbate 80	Seppic
<b>Part 5</b>			
4.00	ETHANOL 24,511-9	Ethyl Alcohol	Aldrich Chemical Co.
<b>Part 6</b>			
7.50	Jeescreen OMC	Ethylhexyl Methoxycinnamate	Jeen International
7.50	TNSS75MZCM	Zinc Oxide (And) Ethylhexyl Methoxycrylene (And) C12-15 Alkyl Benzoate (And) Polyhydroxystearic Acid (And) Hydrogen Dimethicone	Kobo Products
3.00	SQUALANE NF	Squalane	Barnet Products
3.00	SunBoost ATB™	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
3.00	Xiameter® PMX-200 SILICONE FLUID 20CS	Dimethicone	Dow Corning
1.00	SP-10	Nylon-12	Toray/Kobo Products
0.50	Jeechem SMO	Sorbitan Oleate	Jeen International
0.50	Phenoxyethanol	Phenoxyethanol	Clariant
<b>Part 7</b>			
5.00	CES-1104	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	Avantor/Kobo Products
100.00			

## Description:

This O/W Moisturizing Gel Sunscreen features TNSS75MZCM, Kobo's Non-Nano Zinc Oxide dispersion, that contains Ethylhexyl Methoxycrylene to maintain the integrity of the UV filter and boost critical wavelength. SunBoost ATB™, which contains a proprietary ratio of anti-oxidants, anti-irritant and anti-inflammatory agents, helps boost SPF and PFA. SP-10 creates a natural blurring effect that minimizes the look of lines and wrinkles and illuminates the skin. Glycosphere, Gs, are delivery systems that are able to promote skin whitening, cell turnover and acne control. Nusil's CES-1104 is an encapsulated elastomer gel that can be added to the water phase or post emulsification. Upon application the encapsulated CES materials break and offer an initial refreshing feel that is followed by a velvety silicone after feel.

## Manufacturing Procedure:

1. Propeller mix Part 1 at high sheer mixing until vortex is observed.
2. Part 2; Add Sodium Borate and Disodium EDTA until dissolved then add remaining ingredients.
3. Combine Part 3 to create slurry and slowly add to water phase until homogenous.
4. Add Part 4 to water phase until gel suspension is thickened.
5. Add Part 5 to water phase until suspension is homogenous.
6. Combine all Part 6 and propeller mix until homogenous.
7. Slowly add oil phase to water phase by high sheer mixing until homogenous.
8. Homogenize emulsion for 5 min at 5000rpm, while adding part 7.

## Active Ingredient(s):

Zinc Oxide	5.48%
Ethylhexyl Methoxycinnamate	7.50%

## Testing:

SPF: in vivo on 3 subjects  
CW: FDA method



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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





KSL-336

# Sunscreen Stick for Babies



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
27.00	<b>GCO50XZJ</b>	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Sorbitan Oliviate (And) Jojoba Esters	<b>Kobo Products</b>
18.00	<b>GCP55TJ</b>	Titanium Dioxide (And) Caprylic/Capric Triglyceride (And) Jojoba Esters (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
10.00	<b>JOS10M5</b>	Simmondsia Chinensis (Jojoba) Seed Oil (And) Silica	<b>Kobo Products</b>
7.00	Ozokerite Wax White SP 1020P	Ozokerite Wax	Strahl & Pitsch
5.20	<b>ZNO-C-NJE3</b>	Zinc Oxide (And) Jojoba Esters	<b>Kobo Products</b>
5.00	Cocoa Butter USP DEODORIZED	Cocoa Butter	Jeen International
5.00	CANDELILLA WAX MK-2	Euphorbia Cerifera (Candelilla) Wax	Strahl & Pitsch
4.80	JOJOBA OIL	Simmondsia Chinensis (Jojoba) Seed Oil	Vantage
4.50	MINERAL OIL CARNATION	Mineral Oil	Ruger Chemical
4.00	LexFeel® 7	Neopentyl Glycol Diheptanoate	Inolex
3.00	MANGO BUTTER	Mangifera Indica (Mango) Seed Butter	RITA Corp.
3.00	<b>CELLULOBEADS D-10</b>	Cellulose	<b>Daito/Kobo Products</b>
2.00	Shea Butter	Shea Butter	Cognis Corp
1.50	Lipocol® C	Cetyl Alcohol	Vantage
<b>100.00</b>			

## Description:

This sunscreen stick for babies features JOS10M5, fumed silica gellant in Jojoba Oil, to help give structure to the stick. Natural materials, Titanium Dioxide dispersion GCP55TJ, Zinc Oxide dispersion GCO50XZJ and Zinc Oxide powder ZnO-C-NJE3, help give SPF to the formula. Natural microsphere, CELLULOBEADS D-10 is a hydrophilic sphere that can help retain water and give cushion to the formula.

## Manufacturing Procedure:

1. In main beaker, add Part 1, heat to 80°C and mix until homogeneous.
2. Pour into components at 65-70°C.

## Active Ingredient(s):

Titanium Dioxide	9.41%
Zinc Oxide	17.83%

## Testing:

SPF: in vivo on 3 subjects  
 CW: FDA method







KCC-017

# Active Wear Concealer with PT1BM Dispersions

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
18.90	Xiameter PMX-0245	Cyclopentasiloxane	Dow Corning
15.00	<b>CXG-1101</b>	Cyclopentasiloxane (And) Dimethicone/Vinyl Dimethicone Crosspolymer	<b>Avantor/Kobo Products</b>
7.00	<b>PT1BM70U</b>	Titanium Dioxide (And) Phenyl Trimethicone (And) Disteardimonium Hectorite (And) Isopropyl Titanium Triisostearate (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Silica	<b>Kobo Products</b>
5.70	Permethyl® 99A	Isododecane	Presperse
5.60	KF-6040	Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone	Shin Etsu Silicones of America, Inc.
5.00	<b>TALC N-TTB2</b>	Talc (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
3.00	<b>ELIGHT SDS</b>	Dimethicone/Vinyl Dimethicone Crosspolymer (And) Silica (And) Dimethicone	<b>Bo-Kwang/Kobo Products</b>
2.30	Petroleum G-1958	Petrolatum	Ruger Chemical
2.00	<b>PT1BM40Y</b>	Phenyl Trimethicone (And) Iron Oxides (CI 77492) (And) Silica (And) Disteardimonium Hectorite (And) Isopropyl Titanium Triisostearate (And) 1,2-Hexanediol (And) Caprylyl Glycol	<b>Kobo Products</b>
1.90	<b>SunBoost ATB™</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
0.30	<b>PT1BM70R</b>	Iron Oxides (CI 77491) (And) Phenyl Trimethicone (And) Disteardimonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Silica (And) 1,2-Hexanediol (And) Caprylyl Glycol	<b>Kobo Products</b>
0.20	<b>PT1BM60B</b>	Iron Oxides (CI 77499) (And) Phenyl Trimethicone (And) Disteardimonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Silica (And) 1,2-Hexanediol (And) Caprylyl Glycol	<b>Kobo Products</b>
0.10	Propyl Paraben NF	Propylparaben	Charkit Chemical Corp
<b>Part 2</b>			
16.90	Deionized Water	Water	
4.90	Glycerin U.S.P. Natural 96%	Glycerin	Univar USA Inc.
0.50	Sodium Chloride	Sodium Chloride	Morton Salt
0.40	Liposorb® L-20	Polysorbate 20	Vantage
0.10	Disodium EDTA	Dimethicone	Spectrum Chemical
0.10	ALLANTOIN	Allantoin	Tri-K Industries Inc.
0.10	Methyl Paraben NF	Methylparaben	Charkit Chemical Corp
<b>Part 3</b>			
10.00	<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>
100.00			

## Description:

This Active Wear Concealer features Kobo's New PT1BM dispersions. These dispersions are easy to use in a foundation system offering good spreadability and a silky feel upon application. CXG-1101 imparts a creamy, gel texture to the product. Kobo's TTB-Treated Talc offers long wear and coverage. Bo Kwang's Elight SDS Elastomer Powder gives a soft focus effect with a luxurious creamy texture. SunBoost ATB™, which contains a proprietary ratio of anti-oxidant, anti-irritant and anti-inflammatory agents, helps boost SPF and PFA. Nusil's CES-1104 is an encapsulated elastomer gel that can be added to the water phase or post emulsification. Upon application the encapsulated CES materials break and offer an initial refreshing feel that is followed by a velvety silicone after feel.

## Manufacturing Procedure:

1. Combine Part 1 and homogenize until uniform.
2. Combine Part 2 and prop mix until homogeneous.
3. Slowly add Part 2 into Part 1 while homogenizing.
4. Slowly add Part 3 to batch until homogeneous.



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KLF-182A

# KoboGel™ D5-B Dark Liquid Foundation

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
28.90	<b>KoboGel™ D5-B Dark</b>	Pigmented Silicone Gel	<b>Kobo Products</b>
28.90	<b>CXG-1103</b>	Cyclopentasiloxane (And) Cyclohexasiloxane (And) Dimethicone/Vinyl Dimethicone Crosspolymer	<b>NuSil/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>			
20.90	Deionized Water	Water	Pride Solvents & Chemicals Co. of NJ, Inc.
7.90	Butylene Glycol	Butylene Glycol	
0.65	Sodium Chloride	Sodium Chloride	Morton Salt
0.40	Polysorbate 20	Polysorbate 20	RITA Corporation
0.15	Methyl Paraben NF	Methylparaben	International Sourcing
0.10	Trisodium EDTA	Trisodium EDTA	Protameen
0.10	ALLANTOIN	Allantoin	ISP
100.00			

## Description:

This W/Si Liquid Foundation features KoboGel™ D5-B Dark. KoboGel™ D5 is a series of pre-dispersed color composites in a unique elastomer gel 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 and spreadable feel. Further contributing to the texture is CXG-1103, a high purity elastomer gel.

## Manufacturing Procedure:

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





# KLF-220-BR Cover Drops

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
20.00	Deionized Water	Water	
2.00	Glicerina	Glycerin	Mapric
0.80	Cloreto de Sódio	Sodium Chloride	CAAL
<b>Part 2</b>			
25.00	<b>FAS65UTB</b>	Titanium Dioxide (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Disteardimonium Hectorite (And) Tocopheryl Acetate	<b>Kobo Products</b>
14.00	Xiameter® PMX- 0245	Cyclopentasiloxane	Dow Corning
10.00	Xiameter® PMX-200 Silicone Fluid 20CS	Dimethicone	Dow Corning
8.00	<b>SALACOS® 99</b>	Isononyl Isononanoate	<b>Ikeda/Kobo Products</b>
8.00	<b>FAS50YTB</b>	Iron Oxides (CI 77492) (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Disteardimonium Hectorite (And) Tocopheryl Acetate	<b>Kobo Products</b>
4.00	<b>MST-547</b>	Polymethylsilsesquioxane	<b>Kobo Products</b>
2.50	<b>ABIL® EM 90</b>	Cetyl PEG/PPG-10/1 Dimethicone	Evonik
2.00	<b>Bentone Gel® VS 5 PCV</b>	Cyclopentasiloxane, Disteardimonium Hectorite, Propylene Carbonate	Elementis/Cosmotec
1.50	<b>FAS65RTB</b>	Iron Oxides (CI 77491) (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Disteardimonium Hectorite (And) Tocopheryl Acetate	<b>Kobo Products</b>
1.00	<b>Glucate™ DO Emulsifier</b>	Methyl Glucose Dioleate	Lubrizol
0.80	<b>Cosmoguard® SL CP</b>	Phenoxyethanol (and) Ethylhexylglycerin	Cosmotec
0.40	<b>FAS70BTB</b>	Iron Oxides (CI 77499) (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Disteardimonium Hectorite (And) Tocopheryl Acetate	<b>Kobo Products</b>
100.00			

## Description:

This foundation has superior coverage and can be added into another product to give a touch of color to it. It features Kobo's pigmentary dispersions FAS, a hybrid treated pigment that offers nice feel and affinity with the skin, dispersed in D5 silicone. This dispersion allows a high concentration of pigments in the formula without increasing viscosity, and helps maintain spreadability. It also has SALACOS® 99, a light ester, and MST-547, a silicone microsphere that gives a nice feel and helps with soft focus.

## Manufacturing Procedure:

1. Mix Part 2 until complete dispersion of the pigments.
2. Combine Part 1 and add to Part 2 while mixing.





KLF-121-BR

# Perfect Protection Cream SPF 52



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
20.42	Deionized Water	Water	-
1.00	Glycerin	Glycerin	Mapric
1.00	<b>KOBOGUARD® 50N</b>	Water (And) Acrylates Copolymer	<b>Kobo Products</b>
1.00	Sodium Chloride	Sodium Chloride	Mapric
0.60	Liquid Germall® Plus	Propylene Glycol (and) Diazolidinyl Urea (and) Iodopropynyl Butylcarbamate	Ashland
<b>Part 2</b>			
19.10	<b>TNP70MZ</b>	Zinc Oxide (And) C12-15 Alkyl Benzoate (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
12.50	<b>TNP50T7-ATB</b>	C12-15 Alkyl Benzoate (And) Titanium Dioxide (And) Argania Spinosa Kernel Oil (And) Alumina (And) Hydrogen Dimethicone (And) Tocopheryl Acetate (And) Polyhydroxystearic Acid (And) Bisabolol Isononyl Isononanoate	<b>Kobo Products</b>
5.00	<b>SALACOS® 99</b>		<b>Ikeda/Kobo Products</b>
5.00	Parsol® MCX	Ethylhexyl Methoxycinnamate	DSM Nutritional Products
4.00	<b>COMPOSITE ACT-50</b>	Titanium Dioxide (And) Acrylates Copolymer (And) Hydrated Silica (And) Algin (And) Aluminum Hydroxide	<b>Kobo Products</b>
3.00	Parsol® HMS	Homosalate	DSM Nutritional Products
2.50	Abil® EM 90	Cetyl PEG/PPG-10/1 Dimethicone	Evonik
2.50	Uvinul® A Plus	Diethylamino Hydroxybenzoyl Hexyl Benzoate	BASF
2.00	<b>INBP70U</b>	Titanium Dioxide (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
1.20	<b>INBP55EY</b>	Iron Oxides (CI 77492) (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate	<b>Kobo Products</b>
1.00	Liposorb® L-20	Polysorbate 20	Vantage
1.00	Bentone Gel® VS5-PCV	Cyclopentasiloxane (And) Distearidimonium Hectorite (And) Propylene Carbonate	Elementis/Cosmotec
0.10	<b>INBP75ER</b>	Iron Oxides (CI 77491) (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate	<b>Kobo Products</b>
0.08	<b>INBP75EB</b>	Iron Oxides (CI 77499) (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate	<b>Kobo Products</b>
<b>Part 3</b>			
12.00	SF1202	Cyclopentasiloxane	Momentive
3.00	<b>MSS-500/3H</b>	Silica	<b>Kobo Products</b>
2.00	<b>EA-209</b>	Ethylene/Acrylic Acid Copolymer	<b>Kobo Products</b>
100.00			

## Description:

This Perfect Protection Cream features TNP50T7-ATB, an optimized mixture of a TiO2 sunscreen dispersion with SunBoost ATB™, that is a proprietary blend of antioxidant, anti-irritant, and anti-inflammatory agents. With the addition of TNP70MZ, a ZnO attenuation grade dispersion, we can achieve balanced UVA/AVB protection. COMPOSITE ACT-50 is a powder containing dispersed attenuation grade TiO2 entrapped within a micron size polymer matrix. It offers high SPF efficacy, low whitening effect, and enhanced skin feel during application. INBP dispersions make it easy to manufacture and offer deeper color. SALACOS® 99 is a pigment dispersant that can also offer a very pleasant skin feel. KOBOGUARD® 50N offers water-resistance to the formulation. EA-209 has optical blurring properties hiding imperfections such as fine lines and wrinkles, and MSS-500/3H, a porous silica microsphere, can offer a dry touch and matte effect to the formulation.

## Manufacturing Procedure:

1. Add Part 2 ingredients in the main vessel and mix well until homogenous. Heat to 70°C until complete solubilization of Uvinul A Plus.
2. Cool to 40°C and add Part 3 ingredients.
3. Pre-mix Part 1 ingredients and Add to Part 2 and 3 slowly while mixing.
4. Homogenize for 5 minutes at 8000 rpm.

## Active Ingredient(s):

Titanium Dioxide	6.90%
Zinc Oxide	13.00%
Ethylhexyl Methoxycinnamate	5.00%
Methoxycinnamate	3.00%
Homosalate	2.50%
Diethylamino Hydroxybenzoyl Hexyl Benzoate	

## Testing:

SPF: in vivo on 3 subjects  
CW: FDA method



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KLF-224

# W/O Aerosol BB Cream - Non D5

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
23.05	ELEMENT14 PDMS 5-A	Dimethicone	Momentive Performance Materials Inc
9.90	TNP50T7-ATB	C12-15 Alkyl Benzoate (And) Titanium Dioxide (And) Argania Spinosa Kernel Oil (And) Alumina (And) Hydrogen Dimethicone (And) Tocopheryl Acetate (And) Polyhydroxystearic Acid (And) Bisabolol	Kobo Products
7.45	FADM65UTB	Titanium Dioxide (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Tocopheryl Acetate	Kobo Products
4.90	X-22-6711D	Dimethicone (And) PEG/PPG-18/18 Dimethicone	Shin-Etsu
3.58	TNP65MZS	Zinc Oxide (And) C12-15 Alkyl Benzoate (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane	Kobo Products
2.00	Abil® EM 90	Cetyl PEG/PPG-10/1 Dimethicone	Evonik
2.00	BN30-I2	Boron Nitride (And) Isopropyl Titanium Triisostearate	Kobo Products
2.00	CPF-3300@10cSt	Phenyl Trimethicone	Avantor/Kobo Products
1.35	FADM55YTB	Iron Oxides (CI 77492) (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Tocopheryl Acetate	Kobo Products
0.70	CXG-1104	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	Avantor/Kobo Products
0.40	SF1188A	PEG/PPG-20/15 Dimethicone	Momentive Performance Materials Inc
0.22	FADM55RTB	Iron Oxides (CI 77491) (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Tocopheryl Acetate	Kobo Products
0.10	Propyl Paraben NF	Propylparaben	Charkit Chemical Corp
0.10	FADM60BTB	Iron Oxides (CI 77499) (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Tocopheryl Acetate	Kobo Products
<b>Part 2</b>			
25.90	Deionized Water	Water	
1.00	Magnesium Sulfate	Magnesium Sulfate	Fisher Scientific
0.70	Sodium Chloride	Sodium Chloride	Morton Salt
0.10	Methyl Paraben NF	Methylparaben	Charkit Chemical Corp
<b>Part 3</b>			
7.90	Glycerin U.S.P. Natural 96%	Glycerin	Univar USA Inc.
0.15	Keltrol® CG	Xanthan Gum	CP Kelco
<b>Part 4</b>			
2.00	SP-10	Nylon-12	Kobo Products
1.50	BPD-500W	HDI/Trimethylol Hexyllactone Crosspolymer (And) Silica	Kobo Products
1.00	SR1000	Trimethylsiloxy silicate	Momentive Performance Materials Inc
1.00	MSS-500/N	Silica	Kobo Products
1.00	MSS-500W	Silica	Kobo Products
100.00			

## Description:

This Non-D5 BB Cream features Kobo's TiO2 Dispersion, TNP50T7-ATB for UVA/UVB protection. It contains antioxidant, anti-irritant, and anti-inflammatory agents, to boost SPF/PFA. ZnO Dispersion, TNP65MZS, also helps achieve SPF. FADM/TTB Pigmentary Dispersions provide coverage. They showcase the versatility of TTB treated pigments in the dispersions which perform well here in the silicone phase. MSS-500W, MSS-500/N, SP-10 and BPD-500W give excellent application and soft focus. BN30-I2, surface-treated Boron Nitride contributes superior softness and tactility, superb spreadability, excellent adherence, and sheer coverage. Phenyl Trimethicone CPF-3300@10cSt gives the improved payoff. CXG-1104 is a silicone elastomer that provides a silky, powdery feel without cyclics.

## Manufacturing Procedure:

1. Combine Part 1 under homogenizer until fully dispersed.
2. Combine Part 2 under prop mix until homogenous then slowly add Part 3 Slurry to batch until homogenous.
3. Slowly add water Phase, Parts 2 and 3, into Part 1 while homogenizing.
4. Slowly add Part 4 to batch until homogenous.
5. Send bulk to American Spraytech to be filled with Propellant, (vapor tap openings 0.025" actuator 0.025" opening). 65% of the formulation is combined with 35% Aeropres AB 46 (AB-46) INCI: Propane (And) n-Butane

## Active Ingredient(s):

Titanium Dioxide	4.60%
Zinc Oxide	2.21%



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KPP-105-BR

# Super Creamy Pressed Powder

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
85.30	TALC AJM	Talc	Kobo Products
3.00	BTD-401	Titanium Dioxide (And) Isopropyl Titanium Triisostearate	Kobo Products
2.00	EA-209	Ethylene/Acrylic Acid Copolymer	Kobo Products
2.00	BYO-I2	Iron Oxides (CI 77492) (And) Isopropyl Titanium Triisostearate	Kobo Products
1.50	ZINC MYRISTATE	Zinc Myristate	Kobo Products
0.66	BRO-I2	Iron Oxides (CI 77491) (And) Isopropyl Titanium Triisostearate	Kobo Products
0.34	BBO-I2	Iron Oxides (CI 77499) (And) Isopropyl Titanium Triisostearate	Kobo Products
0.10	Propilparabeno	Propylparaben	Cosmotec
0.10	Metilparabeno	Metylparaben	Cosmotec
<b>Part 2</b>			
3.50	SALACOS® P-8	Ethylhexyl Palmitate	Ikeda Corporation
1.50	Xiameter PMX-200 Silicone Fluid 50CS	Dimethicone	Dow Corning
100.00			

## Description:

This economical pressed powder features ITT treated pigments and Mica that give great feel and adherence on the skin. Kobo's TALC AJM is an odorless, fine, white powder with anti-caking properties to improve feel. ZINC MYRISTATE works as a dry binder due to its good pressability. SALACOS® P-8 acts as a liquid binder and helps achieve an enhanced feel. EA-209 gives the formula a nice creamy feel and improves pressing.

## Manufacturing Procedure:

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

## Notes:

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





KPP-106

# Talc-Free Pressed Powder

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
45.68	<b>SERICITE GMS-4C</b>	Mica	<b>Kobo Products</b>
10.00	<b>MSS-500/20N</b>	Silica	<b>Kobo Products</b>
10.00	<b>KoboMica S-25</b>	Mica	<b>Kobo Products</b>
10.00	<b>CARESS® BN09</b>	Boron Nitride	<b>Bent Tree/Kobo Products</b>
7.00	<b>BTD-11S2</b>	Titanium Dioxide (And) Triethoxycaprylylsilane	<b>Kobo Products</b>
5.00	<b>MAGNESIUM MYRISTATE</b>	Magnesium Myristate	<b>Kobo Products</b>
1.00	<b>KAOLIN</b>	Kaolin	<b>Imerys</b>
1.00	<b>BYO-11S2</b>	Iron Oxides (CI 77492) (And) Triethoxycaprylylsilane	<b>Kobo Products</b>
0.86	<b>BRO-11S2</b>	Iron Oxides (CI 77491) (And) Triethoxycaprylylsilane	<b>Kobo Products</b>
0.46	<b>BBO-11S2</b>	Iron Oxides (CI 77499) (And) Triethoxycaprylylsilane	<b>Kobo Products</b>
<b>Part 2</b>			
3.34	<b>Protachem™ CTG</b>	Caprylic/Capric Triglyceride	<b>Protameen</b>
3.33	<b>Squalane NF</b>	Squalane	<b>Charkit Chemical Corp</b>
2.33	<b>Glycerin U.S.P. F.C.C. 96%</b>	Glycerin	<b>Ruger Chemical</b>
<b>100.00</b>			

## Description:

This Talc-Free Pressed Powder features both Sericite GMS-4C and KoboMica S-25 to give the formula a smooth, soft feel and a little bit of sheen on the skin. 11S Treated pigments add to the nice, smooth feel of the powder when applied. Microsphere, MSS-500/20N, adds soft focus to the formula and contributes to the feel. CARESS® BN09, Boron Nitride, gives superior softness and tactility, superb spreadability, excellent adherence, long lasting effect, and good coverage. MAGNESIUM MYRISTATE is a dry binder that helps with compressibility.

## Manufacturing Procedure:

1. Add Part 1 and micropulverize until color is fully developed.
2. Sift Part 1 through small mesh sieve and add back to blender.
3. In a side beaker, Add Part 2 and mix until uniform.
4. Slowly add Part 2 and blend until fully uniform.
5. Sift using larger sieve.
6. Press at 600psi.

## Notes:

Small Mesh Sieve: 0.0059 in mesh;  
Large Sieve: 1.25mm







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 (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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KEL-022-BR

# Metallic Liquid Eyeliner

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
29.20	Deionized Water	Water	-
0.30	Natrosol® 250 HHR CS	Hydroxyethylcellulose	Ashland
<b>Part 2</b>			
35.00	<b>KOBOGUARD® 50AMP</b>	Acrylates/Ethylhexyl Acrylate Copolymer (And) Water (And) Aminomethyl Propanol	<b>Kobo Products</b>
8.00	<b>WSJ24UBAMP-O</b>	Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Ultramarines (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Aminomethyl Propanol	<b>Kobo Products</b>
<b>Part 3</b>			
10.00	<b>K-RAY® CYAN</b>	Titanium Dioxide (And) Mica (And) Ferric Ammonium Ferrocyanide	<b>Kobo Products</b>
10.00	<b>KoboMica S-25</b>	Mica	<b>Kobo Products</b>
5.00	<b>K-RAY® G DIAMOND SPARKLE WHITE</b>	Calcium Aluminum Borosilicate (And) Titanium Dioxide	<b>Kobo Products</b>
2.00	<b>SP-10</b>	Nylon-12	<b>Kobo Products</b>
<b>Part 4</b>			
0.50	Liquid Germall® Plus	Propylene Glycol (And) Diazolidinyl Urea (And) Iodopropynyl Butylcarbamate	Ashland
100.00			

## Description:

This metallic liquid eyeliner features K-RAY® pearlescent pigments that offer unique metallic effect. KOBOGUARD® 50AMP is a water-based resin that improves water and rub resistance, and gives a no-smudge "wash-off" effect. The WSJ pigmentary dispersion gives a vivid, fully-developed color while contributing to long wear. KoboMica S-25 is a highly transparent filler that improves coverage and gives uniform application without opacity. SP-10 improves pay-off and feel upon application and wear.

## Manufacturing Procedure:

1. Add Part 1 and heat to 80°C until gel is formed.
2. Cool to 50°C, add Part 2 and mix.
3. Add Part 3 and mix slowly to avoid air incorporation.
4. Add Part 4 and mix until homogeneous.



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KEY-079

# Water Jelly Eyeshadow

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
50.80	Deionized Water	Water	-
5.00	NET-WRS	Sorbeth-30 Tetraistearate (and) Sorbitan Sesquisteate (and) PPG-8 Ceteth-20 (and) Beheneth-25 Methacrylate (and) Water	Barnet Products
5.00	Butylene Glycol	Butylene Glycol	Ruger Chemical
0.70	PHENOXETOL	Phenoxyethanol	Clariant
0.20	Liposorb® L-20	Polysorbate 20	Vantage
<b>Part 2</b>			
8.40	SALACOS® 99	Isononyl Isononanoate	Ikeda Corporation
3.60	CPF-3300@10cSt	Phenyl Trimethicone	Avantor/Kobo Products
1.20	INBP75EBR	Iron Oxides (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate	Kobo Products
<b>Part 3</b>			
3.00	Glycerin U.S.P. F.C.C. 96%	Glycerin	Ruger Chemical
0.10	AQUA KEEP 10SH-NFC	Sodium Acrylates Crosspolymer-2	Sumitomo Seika/Kobo Products
<b>Part 4</b>			
9.00	KOBOGUARD® 50AMP	Acrylates/Ethylhexyl Acrylate Copolymer (And) Water (And) Aminomethyl Propanol	Kobo Products
7.00	KTZ® CRIMSON	Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77491) (And) Carmine	Kobo Products
3.00	KTZ® JAIPUR SUNSET	Titanium Dioxide (And) Mica (And) Iron Oxides (CI 77491)	Kobo Products
3.00	KTZ® INTERFINE GOLD	Mica (And) Titanium Dioxide	Kobo Products
100.00			

## Description:

This Water Jelly Eye Shadow is cool and smooth upon application due to Nusil's Phenyl Trimethicone, CPF-3300@10cSt, a silicone fluid that can improve spreadability and the formula's feel upon application. AQUAKEEP 10SH-NFC holds in water and helps give more body to the formula while KOBOGUARD® 50AMP helps with long wear. INBP75EBR adds a brown undertone, while KTZ® Pearls offer a nice pinkish tint and shimmer.

## Manufacturing Procedure:

1. In main beaker, add Part 1 and homogenize.
2. In side beaker, add Part 3 and make a slurry. Then add to main beaker and homogenize until gel forms and it is fully uniform.
3. In side beaker, add Part 2 and mix until uniform. Then add to main beaker under homogenizer.
4. Switch to side sweep mixing and add Part 4 under side sweep mixing.



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KMA-065B

# W/Si Mascara with CELL-U-LASH™ 150

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
12.90	<b>BWBO-FS</b>	Iron Oxides (CI 77499) (And) Perfluorooctyl Triethoxysilane	<b>Kobo Products</b>
10.00	<b>KOBOGUARD® 5400 IDD</b>	Hydrogenated Polycyclopentadiene (And) Isododecane	<b>Kobo Products</b>
10.00	SF1528	Cyclopentasiloxane (And) PEG/PPG-20/15 Dimethicone	Momentive
6.25	SILSOFT ETS	Ethyl Trisiloxane	Momentive
4.00	<b>MICA S-FS</b>	Mica (And) Perfluorooctyl Triethoxysilane	<b>Kobo Products</b>
2.90	KF-6017	PEG-10 Dimethicone	Shin Etsu
2.20	Lexol® PG-865	Propylene Glycol Dicaprylate/Dicaprate	Ashland
2.00	SS4230	Cyclopentasiloxane (And) Trimethylsiloxysilicate	Momentive
2.00	<b>SUMECTON SAN-P</b>	Quaternium-18 Hectorite	<b>Kobo Products</b>
0.70	SF1555	Bis-Phenylpropyl Dimethicone	Momentive
<b>Part 2</b>			
0.90	Ethanol 24,511-9	Ethyl Alcohol	Aldrich Chemical Co.
<b>Part 3</b>			
34.00	Deionized Water	Water	
3.20	Butylene Glycol	Butylene Glycol	Pride Solvents & Chemicals Co. of NJ, Inc.
1.25	Glycerin U.S.P. Natural 96%	Glycerin	Vopak
0.90	Germaben® II	Propylene Glycol (And) Diazolidinyl Urea (And) Methylparaben (And) Propylparaben	Chempoint
0.80	Sodium Chloride	Sodium Chloride	Morton Salt
0.50	Jeecide CAP-5	Phenoxyethanol (And) Caprylyl Glycol (And) Potassium Sorbate (And) Water (And) Hexylene Glycol	Jeen International
0.50	Jeesorb L-20	Polysorbate 20	Jeen International
<b>Part 4</b>			
5.00	<b>CELL-U-LASH™ 150</b>	Cellulose	<b>Kobo Products</b>
100.00			

## Description:

This W/Si Mascara features Kobo's Fluoro Silane Treatment. The FS treatment exhibits both water and oil repellency while promoting adherence for long wear. The combination of KOBOGUARD® 5400 IDD offers long-lasting properties to the formulation. SUMECTON SAN-P gives thickening and stabilizes the emulsion. CELL-U-LASH™ 150 helps to provide a lengthening effect on the lashes.

## Manufacturing Procedure:

1. Combine Part 1 ingredients. Prop mix until fully dispersed.
2. Combine Part 3. Mix until homogenous.
3. Slowly add Part 2 to Part 1 while prop mixing.
4. Slowly add Part 3 to batch. Continue prop mixing.
5. Slowly add Part 4 while prop mixing.



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KLP-124A

# Lipstick with PT1BM Dispersions

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
27.50	CPF-3300@10cSt	Phenyl Trimethicone	Avantor/Kobo Products
19.80	Permalene™ M 70 Wax	Synthetic Wax	New Phase Technologies
17.90	KOBOGUARD® 5400 CCT	Hydrogenated Polycyclopentadiene (And) Caprylic/Capric Triglyceride	Kobo Products
10.00	PT1BM30R7C	Phenyl Trimethicone (And) Red 7 Lake (CI 15850) (And) Isopropyl Titanium Triisostearate (And) Disteardimonium Hectorite (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Silica	Kobo Products
8.75	PT1BM50Y5A	Phenyl Trimethicone (And) Yellow 5 Lake (And) Isopropyl Titanium Triisostearate (And) Disteardimonium Hectorite (And) Silica (And) 1,2-Hexanediol (And) Caprylyl Glycol	Kobo Products
6.70	COSMOL™ 168ARV	Dipentaerythryl Hexahydroxystearate/Hexastearate/Hexarosinate	Ikeda Corporation
3.75	PT1BM70R	Iron Oxides (CI 77491) (And) Phenyl Trimethicone (And) Disteardimonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Silica (And) 1,2-Hexanediol (And) Caprylyl Glycol	Kobo Products
2.50	PT1BM70U	Titanium Dioxide (And) Phenyl Trimethicone (And) Disteardimonium Hectorite (And) Isopropyl Titanium Triisostearate (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Silica	Kobo Products
2.10	COSMOL™ 222	Diisostearyl Malate	Ikeda Corporation
1.00	COSMOL™ 43V	Polyglyceryl-2 Triisostearate	Ikeda Corporation
100.00			

## Description:

This Lipstick formula features Kobo's New PT1BM dispersions. These dispersions are easy to use, offering good spreadability and a silky feel. Phenyl Trimethicone CPF-3300@10cSt helps give the lipstick improved payoff, shine, as well as good spreadability. KOBOGUARD® 5400 CCT forms a film on the lips to help provide long wear properties.

## Manufacturing Procedure:

1. Add all ingredients to the main vessel and heat to 90°C until waxes are completely melted. Mix until pigments are fully dispersed.
2. Cool to 65°C and pour into components.



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KLP-133-BR

# Metallic Wine Liquid Lipstick

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
12.00	Permethyl® 99A	Isododecane	Cosmotec
12.00	COSMOL™ 222	Diisostearyl Malate	Ikeda/Kobo Products
10.00	KOBOGUARD® MQ60DM	Trimethylsiloxysilicate (And) Dimethicone	Kobo Products
10.00	KOBOGUARD® 5400 IDD	Hydrogenated Polycyclopentadiene (And) Isododecane	Kobo Products
8.00	SALACOS® 99	Isononyl Isononanoate	Ikeda/Kobo Products
6.00	PM WAX 82	Polyethylene (And) Microcrystalline Wax	Kobo Products
6.00	CPF-3300@10cSt	Phenyl Trimethicone	Avantor/Kobo Products
5.00	CXG-1104	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	Avantor/Kobo Products
3.00	Tecwax Beeswax	Beeswax	Cosmotec
3.00	SALACOS® 334	Caprylic/Capric/Myristic/Stearic Triglyceride	Ikeda/Kobo Products
3.00	BENTONE GEL® VS 5 PCV	Cyclopentasiloxane (and) Distearidimonium Hectorite (and) Propylene Carbonate	Cosmotec
2.00	INBP45R7C	Red 7 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>			
14.00	KTZ® CRIMSON	Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77491) (And) Carmine	Kobo Products
6.00	KTZ® MISTERIOSO ROUSSILLON	Mica (And) Iron Oxides (CI 77491) (And) Iron Oxides (CI 77499)	Kobo Products
100.00			

## Description:

This Liquid Lipstick features KTZ® Pearlescent Pigments that give a metallic look. The combination of KOBOGUARD® 5400 IDD and KOBOGUARD® MQ60DM offers long wear. The combination of CPF-3100@10cSt, low viscosity silicone, and SALACOS® 99, a light ester, gives spreadability and a nice feel. COSMOL™ 222 acts as pigment dispersant. SALACOS® 334 gives emollience and moisturization. PM WAX 82 gives the formula structure. CXG-1104, an elastomer gel, improves feel. The INBP dispersion helps color development with an easy manufacturing process.

## Manufacturing Procedure:

1. Mix Part 1 until complete dispersion of the pigments, and heat to 75°C while mixing.
2. Add Part 2 and mix until homogenous.





KLP-136C

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

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

## Description:

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

## Manufacturing Procedure:

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



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KLP-149-BR

# Velvet Matte Lipstick

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
12.00	CPF-3300@10cSt	Phenyl Trimethicone	Avantor/Kobo Products
11.00	Tecwax Ozoquerita	Ozokerite	Fenix Ceras
10.50	COSMOL™ 222	Diisostearyl Malate	Ikeda/Kobo Products
8.00	DAIMICBEAZ CM-1077	HDI/Trimethylol Hexyllactone Crosspolymer (And) Silica Silylate	Kobo Products
8.00	COSMOL™ 43V	Polyglyceryl-2 Triisostearate	Ikeda/Kobo Products
8.00	PM WAX 82	Polyethylene (And) Microcrystalline Wax	Kobo Products
8.00	COSMOL™ 168ARV	Dipentaerythryl Hexahydroxystearate/Hexastearate/Hexarosinate	Ikeda/Kobo Products
6.00	INBP5OR33A	Red 33 Lake (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate	Kobo Products
5.00	INBP7OU	Titanium Dioxide (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid	Kobo Products
5.00	CARESS® BN30	Boron Nitride	Kobo Products
3.00	Tecwax Abelha	Beeswax	Fenix Ceras
2.00	INBP45R7C	Red 7 Lake (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid	Kobo Products
2.00	SALACOS® 334	Caprylic/Capric/Myristic/Stearic Triglyceride	Ikeda/Kobo Products
<b>Part 2</b>			
5.00	KOBOGUARD® 5400 IDD	Hydrogenated Polycyclopentadiene (And) Isododecane	Kobo Products
<b>Part 3</b>			
5.00	Xiameter PMX-0245	Cyclopentasiloxane	Dow Corning
1.50	MSS-500/3H	Silica	Kobo Products
100.00			

## Description:

This velvet matte lipstick features a combination of microspheres DAIMICBEAZ CM-1077 and MSS-500/3H that offer matte effect with smooth application. CARESS® BN30 is a boron nitride that improves wear and gives a velvet finish. COSMOL™ 222 and COSMOL™ 43V help disperse the pigments and have great oxidative stability, and COSMOL™ 168ARV and SALACOS® 334 help the adhesion and moisturization. INBP Pigmentary Dispersions can ease the manufacturing process and give a more vivid color. CPF-3300@10cSt is a low viscosity phenyl trimethicone that improves feel and application. PM WAX 82 contributes to formula structure. KOBOGUARD® 5400 IDD is a film former that offers long wear and water resistance.

## Manufacturing Procedure:

1. Add Part 1, heat to 80°C and mix until waxes are completely melted.
2. Add Part 2 and mix.
3. Pre-mix Part 3, add to Parts 1 and 2, and mix.



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KLP-158-EU

# Transformative Powder-to-Cream Natural Lipstick

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
41.00	<b>GMS-NJE3</b>	Mica (And) Jojoba Esters	<b>Kobo Products</b>
12.00	<b>BRO-NJE2</b>	Iron Oxides (CI 77491) (And) Jojoba Esters	<b>Kobo Products</b>
10.00	<b>TALC AJM</b>	Talc	<b>Kobo Products</b>
2.00	<b>RBTD-671-NJE2</b>	Titanium Dioxide (And) Jojoba Esters	<b>Kobo Products</b>
<b>Part 2</b>			
20.00	Tegosoft® CT	Caprylic/Capric Triglyceride	Evonik
3.00	Isolan® GPS	Polyglyceryl-4 Diisostearate/Polyhydroxystearate/Sebacate	Evonik
0.50	Carnauba Wax Flakes NF SP-63	Carnauba Wax	Strahl & Pitsch, Inc.
0.50	Candelilla Wax SP-75	Euphorbia Cerifera (Candelilla) Wax	Strahl & Pitsch, Inc.
<b>Part 3</b>			
10.00	<b>KTZ® SHIMMER GOLD</b>	Mica (And) Titanium Dioxide	<b>Kobo Products</b>
1.00	SymDiol® 68	1,2-Hexanediol (And) Caprylyl Glycol	Symrise
<b>100.00</b>			

## Description:

This transformative powder to cream natural lipstick features Kobo's Natural Jojoba Ester (NJE) Treatment, that improves powders' tactile properties, dispersibility and skin adherence. TALC AJM is a micronized filler that improves feel and application. KTZ® SHIMMER GOLD is a pearlescent pigment that offers unique color effect.

## Manufacturing Procedure:

1. Add Part 1 ingredients and mix in a blender until color is fully developed.
2. Pre-mix Part 2 and heat until 80-85°C, until waxes are completely melted.
3. Pulverize Part 2 into Part 1 and mix until homogenous.
4. Add Part 3 and mix at low speed until fully incorporated.

## Notes:

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







KLG-081C

# High Shine Red Lip Gloss with INBP50R28U

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
26.20	Panalene® H-300E	Hydrogenated Polyisobutene	Lipo Chemicals
13.00	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
12.70	COSMOL™ 222	Diisostearyl Malate	Ikeda Corp.
4.40	SALACOS® 99	Isononyl Isononanoate	Ikeda Corp.
3.50	SALACOS® 5418V	Pentaerythrityl Tetraisostearate	Ikeda Corp.
3.50	Liponate® IPM	Isopropyl Myristate	Vantage
2.60	Petrolatum	Petrolatum	Parchem Trading
1.71	Shea Butter	Shea Butter	BASF
1.71	Lanolin Technical Grade	Lanolin	RITA Corp.
1.00	Phenoxyethanol	Phenoxyethanol	Clariant
<b>Part 2</b>			
3.90	MSS-500/3H	Silica	Kobo Products
0.80	Watermelon (FL) CE-181464	Fragrance	Custom Essence
<b>Part 3</b>			
21.55	GMS-I2	Mica (And) Isopropyl Titanium Triisostearate	Kobo Products
2.60	BPD-500W	HDI/Trimethylol Hexyllactone Crosspolymer (And) Silica	Kobo Products
0.83	DSPCS/20N-I2	Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate	Kobo Products
100.00			

## Description:

This Lip Gloss features Kobo's INBP50R28U dispersion, which gives the gloss a high color intensity as well as a creamy feel upon application. INBP Dispersions are available in a wide range of pigments. GMS-I2 helps give a base to the color for more opacity. Kobo's Microsphere, MSS-500/3H, contributes to a creamy application. BPD-500W helps to blur the appearance of wrinkles and fine lines on the lips. DSPCS/20N-12 gives a lightweight feel and helps the formula go immediately into a powder on the skin.

## Manufacturing Procedure:

1. Combine and prop mix Part 1 until homogeneous.
2. Combine Part 2 and slowly add to Part 1.
3. Slowly add Part 3 into mix until homogeneous.



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KLG-082

# Lip Cream Prime Perfector with PT1BM Dispersions

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
15.20	<b>PT1BM30R7C</b>	Phenyl Trimethicone (And) Red 7 Lake (CI 15850) (And) Isopropyl Titanium Triisostearate (And) Distearidimonium Hectorite (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Silica	<b>Kobo Products</b>
10.90	<b>PT1BM40R6B</b>	Phenyl Trimethicone (And) Red 6 Lake (And) Silica (And) Isopropyl Titanium Triisostearate (And) Distearidimonium Hectorite (And) 1,2-Hexanediol (And) Caprylyl Glycol	<b>Kobo Products</b>
9.45	<b>CPF-3300@10cSt</b>	Phenyl Trimethicone	<b>Avantor/Kobo Products</b>
4.80	X-22-6711D	Dimethicone (And) PEG/PPG-18/18 Dimethicone	Shin Etsu Silicones of America, Inc.
2.50	SALACOS® 99	Isononyl Isononanoate	Ikeda
2.50	KF-6038	Lauryl PEG-9 Polydimethylsiloxethyl Dimethicone	Shin Etsu Silicones of America, Inc.
2.50	<b>KOBOGUARD® MQ65TMF</b>	Trimethylsiloxysilicate (And) Methyl Trimethicone	<b>Kobo Products</b>
2.50	SS4267	Dimethicone (And) Trimethylsiloxysilicate	Momentive Performance Materials Inc
2.50	Lexol® PG-865	Propylene Glycol Dicaprylate/Dicaprate	Inolex
1.25	Lipopeg® 100-S	PEG-100 Stearate	Vantage
1.00	KF-6017	PEG-10 Dimethicone	Shin Etsu Silicones of America, Inc.
1.00	<b>HL7M5</b>	Hydrogenated Polyisobutene (And) Silica	<b>Kobo Products</b>
0.80	<b>PT1BM35B1A</b>	Phenyl Trimethicone (And) Blue 1 Lake (And) Silica (And) Isopropyl Titanium Triisostearate (And) Distearidimonium Hectorite (And) 1,2-Hexanediol (And) Caprylyl Glycol	<b>Kobo Products</b>
0.75	SF1555	Bis-Phenylpropyl Dimethicone	Momentive
0.40	Thixcin® R	Trihydroxystearin	Essential Ingredients
<b>Part 2</b>			
23.35	Deionized Water	Water	
4.00	Glycerin U.S.P. Natural 96%	Glycerin	Univar USA Inc.
2.90	Butylene Glycol	Butylene Glycol	Ruger Chemical
0.60	Sodium Chloride	Sodium Chloride	Morton Salt
0.60	PHENOXTOL	Phenoxyethanol	Essential Ingredients
0.30	Liposorb® L-20	Polysorbate 20	Vantage
0.10	ALLANTOIN	Allantoin	Jeen International
0.10	Trisodium EDTA	Trisodium EDTA	Protameen
<b>Part 3</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>
100.00			

## Description:

This Lip Cream features Kobo's New PT1BM dispersions. These dispersions are easy to use in a lip product emulsion system offering good spreadability and a silky feel upon application. Microsphere Complex, KoboBlur™ 100 Natural, gives excellent soft focus as well as a powdery after feel. Phenyl Trimethicone CPF-3300@10cSt helps give the lip cream improved payoff as well as shine. KOBOGUARD® MQ65TMF improves adhesion of the formula onto the lips and helps to offer rub-resistance. HL7M5 gellant is a thick semi-translucent liquid composed of Hydrogenated Polyisobutene and Silica.

## Manufacturing Procedure:

1. Combine Part 1 under homogenizer until uniform at 75°C.
2. Cool Part 1 to room temperature while homogenizing.
3. Combine Part 2 and prop mix until homogeneous.
4. Slowly add Part 2 to Part 1 until homogeneous.
5. Slowly add Part 3 to batch until homogeneous.



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KCL-023A

# Men's Grapefruit Hand Sanitizer

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

## Description:

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

## Manufacturing Procedure:

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



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# KFL-112A Clay Face Mask

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
42.10	Deionized Water	Water	
<b>Part 2</b>			
2.00	Butylene Glycol	Butylene Glycol	Ruger Chemical
2.00	Glycerin U.S.P. Natural 96%	Glycerin	Cognis Corp.
0.30	Keltrol® CG	Xanthan Gum	CP Kelco
<b>Part 3</b>			
10.50	Xiameter® PMX-200 SILICONE FLUID 350CS	Dimethicone	Dow Corning
10.00	KAOLIN	Kaolin	Imerys
5.00	SunBoost ATB™	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
2.50	SP-10	Nylon-12	Toray/Kobo Products
2.50	Lipopeg® 100-S	PEG-100 Stearate	Lipo Chemicals
1.50	Lipo® GMS-450	Glyceryl Stearate	Vantage
1.50	Lanette® O	Cetearyl Alcohol	BASF
<b>Part 4</b>			
1.50	Ethyl Alcohol E1028	Ethyl Alcohol	Warner Graham
<b>Part 5</b>			
5.00	BTD-ASG2	Titanium Dioxide (And) Stearoyl Glutamic Acid	Kobo Products
5.00	Xiameter® PMX- 0245	Cyclopentasiloxane	Dow Corning
3.00	Bentone Gel® VS5-PCV	Cyclopentasiloxane (And) Disteardimonium Hectorite (And) Propylene Carbonate	Elementis Specialties
0.90	Euxyl® PE 9010	Phenoxyethanol (And) Ethylhexylglycerin	Schulke & Mayr
0.40	BBO-ASG3	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid	Kobo Products
<b>Part 6</b>			
3.00	Glycerin U.S.P. Natural 96%	Glycerin	Cognis Corp.
0.30	AQUA KEEP 10SH-NFC	Sodium Acrylates Crosspolymer-2	Sumitomo Seika/Kobo Products
<b>Part 7</b>			
0.50	Gs-VE	Water (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Phenoxyethanol (And) Tocopherol (And) Parabens (And) Hydrogenated Lecithin	Kobo Products
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
100.00			

## Description:

This Clay Mask features AQUA KEEP 10SH-NFC which gels the external water phase of the emulsion. It also contains ASG treated pigments, with an amino acid treatment that aids in pigment dispersion and provides a creamy feel to the formula. Microsphere SP-10 allows a smooth application and gives a soft powdery feel. SunBoost ATB™ is a proprietary mix of anti-oxidant and anti-inflammatory agents. Glycospheres Gs-VE and Gs-GT protect and deliver active ingredients to give a revitalized effect.

## Manufacturing Procedure:

1. In main beaker, heat Part 1 to 80°C.
2. Premix Part 2 and add to Part 1 with prop mixing.
3. Heat Part 3 in side beaker.
4. Add Part 3 to Parts 1 and 2 under homogenization.
5. Cool to room temp and add Part 4.
6. Premix Part 5 and add to batch under homogenization.
7. Premix Part 6 and add to batch under prop mix.
8. Add Part 7.





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-144

# Selfie Ready Primer with KoboBlur™ 100 Natural

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

## Description:

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

## Manufacturing Procedure:

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



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