

# FORMULARY

in-cosmetics® Korea

**KOBO**

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KSL-377-EU

# Non-Nano Mineral Sunscreen



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
36.40	Deionized Water	Water	
20.00	GLW70MZC	Zinc Oxide (And) Water (And) Glycerin (And) Sodium Polyacrylate (And) Cellulose Gum	Kobo Products
2.00	Tego® SML 20	Polysorbate 20	Evonik
0.50	Emulsiphos®	Potassium Cetyl Phosphate (and) Hydrogenated Palm Glycerides	Symrise
<b>Part 2</b>			
4.00	Butylene Glycol	Butylene Glycol	Interchimie
0.30	Keltrol® CG	Xanthan Gum	CP Kelco
<b>Part 3</b>			
10.00	HBP50TMD	Butyloctyl Salicylate (And) Titanium Dioxide (And) Polyhydroxystearic Acid (And) Dimethicone (And) Hydrogen Dimethicone	Kobo Products
8.00	Tegosoft® TN	C12-15 Alkyl Benzoate	Evonik
6.00	Emulium® 22	Tribehenin PEG-20 Esters	Gattefossé
5.00	Dub Inin A	Isononyl Isononanoate	Stéarinerie-Dubois
3.00	SunBoost ATB	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
1.00	Lipex® Shea Tris	Shea Butter	AAK
1.00	Dub Estoline	Ethylhexyl Polyhydroxystearate	Stéarinerie-Dubois
<b>Part 4</b>			
2.00	COMPOSITE ACT-50	Titanium Dioxide (And) Acrylates Copolymer (And) Hydrated Silica (And) Algin (And) Aluminum Hydroxide	Kobo Products
0.80	Symdiol® 68	1,2-Hexanediol (And) Caprylyl Glycol	Symrise
100.00			

## Description:

This Non-Nano, Mineral Sunscreen features Kobo's Non-Nano ZnO Dispersion, GLW70MZC, and Titanium Dioxide Dispersion in Butyloctyl Salicylate, HBP50TMD. Butyloctyl Salicylate is a UV booster. COMPOSITE ACT-50 is a powder composite with entrapped TiO<sub>2</sub>, that offers optimal UV protection with minimal whitening in a non-nano form. SunBoost ATB is a proprietary ratio of anti-oxidant, anti-irritant and anti-inflammatory agents that can boost UV protection.

## Manufacturing Procedure:

1. Pre-mix Part 2 and add Part 1. Adjust pH to 7.5 using Citric Acid Solution (10%). Heat to 80°C.
2. Heat Part 3 to 80°C.
3. Add Part 3 to Parts 1 and 2 while propeller mixing. Homogenize at 7500 rpm for 2 minutes. Stop heating.
4. Back to propeller, mix at 1500 rpm for 10-15 minutes. Add Part 4.
5. Keep mixing at 600 rpm until it reaches room temperature.

## Active Ingredient(s):

Titanium Dioxide	5.80%
Zinc Oxide	13.60%

## Testing:

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



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KSL-378A-EU

# Tinted Sunscreen with IR Protection



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
28.05	Deionized Water	Water	
1.50	Sodium Chloride	Sodium Chloride	Fisher
<b>Part 2</b>			
4.00	Glycerin	Glycerin	Interchimie
0.25	Keltrol® CG	Xanthan Gum	CP Kelco
<b>Part 3</b>			
19.00	<b>HBQP75FZS</b>	Zinc Oxide (And) Butyloctyl Salicylate (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane	<b>Kobo Products</b>
14.00	<b>GCP45TV</b>	Caprylic/Capric Triglyceride (And) Titanium Dioxide (And) Stearic Acid (And) Aluminum Hydroxide (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
10.00	Tegosoft® AC	Isoamyl Cocoate	Evonik
5.00	<b>TiO2-IR300-ASG3</b>	Titanium Dioxide (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
4.00	Tegosoft® TN	C12-15 Alkyl Benzoate	Evonik
3.00	<b>SunBoost ATB</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
1.50	<b>GCB60USG</b>	Titanium Dioxide (And) Caprylic/Capric Triglyceride (And) Isopropyl Myristate (And) Stearoyl Glutamic Acid (And) Stearalkonium Hectorite (And) Trihydroxystearin (And) Propylene Carbonate	<b>Kobo Products</b>
1.00	<b>GCB50YSG</b>	Iron Oxides (CI 77492) (And) Caprylic/Capric Triglyceride (And) Isopropyl Myristate (And) Stearoyl Glutamic Acid (And) Stearalkonium Hectorite (And) Trihydroxystearin (And) Propylene Carbonate	<b>Kobo Products</b>
0.15	<b>GCB65RSG</b>	Iron Oxides (CI 77491) (And) Caprylic/Capric Triglyceride (And) Isopropyl Myristate (And) Stearoyl Glutamic Acid (And) Stearalkonium Hectorite (And) Trihydroxystearin (And) Propylene Carbonate	<b>Kobo Products</b>
0.05	<b>GCB70BSG</b>	Iron Oxides (CI 77499) (And) Caprylic/Capric Triglyceride (And) Isopropyl Myristate (And) Stearoyl Glutamic Acid (And) Stearalkonium Hectorite (And) Trihydroxystearin (And) Propylene Carbonate	<b>Kobo Products</b>
<b>Part 4</b>			
4.00	Dehymuls® PGPH	Polyglyceryl-2 Dipolyhydroxystearate	BASF
1.00	Olivem® 900	Sorbitan Oliviate	Hallstar
0.50	Lipex® Shea Tris	Shea Butter	AAK
<b>Part 5</b>			
2.00	<b>ASO-12</b>	Aluminum Starch Octenylsuccinate (And) Isopropyl Titanium Trisostearate	<b>Kobo Products</b>
1.00	Symdiol® 68	1,2-Hexanediol (And) Caprylyl Glycol	Symrise
100.00			

## Description:

This tinted sunscreen features a combination of GCP45TV, a natural dispersion of attenuation grade TiO<sub>2</sub>, and HBQP75FZS, a ZnO dispersion with a booster to optimize UV protection. SunBoost ATB adds anti-inflammatory, anti-irritant and anti-oxidant properties to the formulation, and TiO<sub>2</sub>-IR300-ASG3 provides IR protection. GCB Pigmentary dispersions give a tint to this sunscreen product and ASO-12 offers a uniform application and creamy after feel.

## Manufacturing Procedure:

1. Pre-mix Part 2 and add to Part 1. Heat to 80°C.
2. Pre-mix Part 3 and mix until homogeneous using a propeller. Add Part 4 to Part 3 and mix while heating to 80°C.
3. Add Parts 1 and 2 to Parts 3 and 4 slowly while propeller mixing.
4. Homogenize at 7000 rpm for 5 minutes.
5. Add Part 5 and mix well with the propeller.
6. Cool to room temperature with continued propeller mixing.

## Active Ingredient(s):

Titanium Dioxide	5.30%
Zinc Oxide	13.70%

## Testing:

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



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## Kobo WINS

Suppliers' Day/CEW Award

FOR INNOVATION IN BEAUTY WITH:

KSL-379

## 4 in 1 Multi Purpose Sunscreen Cream

### Refreshing Moisture

Unique Gel Technology

### UVA/UVB Protection

Mineral Sunscreen (SPF 27)

### Radiance

Fine, Vibrant KTZ® Pearl

### Neutralizing

Blend of Pearlescent Pigments and Transparent Iron Oxides for All Skin Types

#### Formulation:

<b>Part 1</b>		
• Deionized Water		55.80%
<b>Part 2</b>		
• Zemea® - Du Pont & Tate: <i>Propanediol</i>	2.90%	
• Veegum® HV - R.T. Vanderbilt: <i>Magnesium Aluminum Silicate</i>	0.50%	
• Keltrol® CG - CP Kelco: <i>Xanthan Gum</i>	0.10%	
<b>Part 3</b>		
• OMQP50XZ4 - Kobo Products: <i>Zinc Oxide (And) Octyldodecyl Myristate (And) Polyhydroxystearic Acid (And) Methicone</i>	23.00%	
• Protachem™ CTG - Protameen: <i>Caprylic/Capric Triglyceride</i>	3.90%	
• Protachem™ ISP - Protameen: <i>Isostearyl Palmitate</i>	3.20%	
<b>Part 4</b>		
• KTZ® FINE WHITE - Kobo Products: <i>Mica (And) Titanium Dioxide</i>	0.70%	
• GCG50TYSG - Kobo Products: <i>Iron Oxides (CI 77492) (And) Caprylic/Capric Triglyceride (And) Polyglyceryl-3 Diisostearate (And) Stearoyl Glutamic Acid</i>	0.50%	
• GCG50TRSG - Kobo Products: <i>Iron Oxides (CI 77491) (And) Caprylic/Capric Triglyceride (And) Polyglyceryl-3 Diisostearate (And) Stearoyl Glutamic Acid</i>	0.15%	
• KTZ® EBONY - Kobo Products: <i>Iron Oxides (CI 77499) (And) Mica</i>	0.05%	
<b>Part 5</b>		
• Lipomulse® Luxe - Lipo Chemicals: <i>Cetearyl Alcohol (and) Glyceryl Stearate (and) PEG-40 Stearate (and) Ceteareth - 20</i>	3.30%	
<b>Part 6</b>		
• Xiameter® PMX-200 Silicone Fluid 5CS - Dow Corning: <i>Dimethicone</i>	1.00%	
<b>Part 7</b>		
• Simulgel™ EG - Seppic: <i>Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Isohexadecane (And) Polysorbate 80</i>	4.00%	
• SymDiol® 68 - Symrise: <i>1,2-Hexanediol (And) Caprylyl Glycol</i>	0.90%	

#### Manufacturing Procedure

- 1. Main Beaker - Water Phase**
  - Pre-weight DI Water and slowly sprinkle Magnesium Aluminum Silicate, hydrate colloid for 30 minutes.
  - Pre-weight humectant in the side beaker and add Xanthan Gum, mix well
  - Add mix of humectant and Xanthan Gum into main beaker, start to heat up water phase to 80°C, mix with propeller mixer.
- 2.** Using a High Shear blade combine Part 3 in the support beaker and mix until uniform. Add Part 4.
- 3.** Add Part 5 to Oil Phase (Parts 3 and 4) - heat up to 80°C, mix until full color development is done.
- 4.** Add Part 6 to Oil Phase (Parts 3, 4 and 5) just before emulsification process starts.
- 5.** Slowly add Oil Phase (Parts 3, 4, 5 and 6) to Water Phase (Parts 1 and 2), continue mixing with High Shear blade until emulsion is formed.
- 6.** Air cool batch to 45°C. Separately add each ingredient of Part 7 to the batch at 45°C.
- 7.** Force cool batch down to 30°C. Stop mixing, transfer to storage containers.

#### Description

This O/W 100% mineral sunscreen formula contains Kobo's Zinc Oxide Dispersion, **OMQP50XZ4** which is a skin protector - UVA/UVB filter. It contains approximately 48% of nano Zinc Oxide (whose primary particle size is 20 nm and aggregate particle size is 171 nm) in an ester/oil carrier. **KTZ® FINE WHITE** is pearlescent white colored mica, which improves natural glow and coverage on the skin. **KTZ® EBONY** is a black pearlescent pigment, containing a high concentration of Black Iron Oxide on natural mica, working to make the shade in combination with Transparent Iron Oxides, **GCG50TYSG** and **GCG50TRSG**.





KSL-392

# Mousse Sunscreen with NHP dispersions



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
30.00	<b>NHP60MZ8SG</b>	Zinc Oxide (And) C13-15 Alkane (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
15.00	<b>NHP55TV</b>	Titanium Dioxide (And) C13-15 Alkane (And) Stearic Acid (And) Aluminum Hydroxide (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
<b>Part 2</b>			
12.00	X-22-6711D	Dimethicone (And) PEG/PPG-18/18 Dimethicone	Shin-Etsu
2.50	COSMOL™ 43V	Polyglyceryl-2 Triisostearate	Ikeda
<b>Part 3</b>			
15.00	<b>CXG-1104</b>	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	<b>Avantor/Kobo Products</b>
5.00	<b>KOBOGUARD® MQ60DM</b>	Trimethylsiloxysilicate (And) Dimethicone	<b>Kobo Products</b>
1.00	Pelemol® GTB	Tribehenin	Phoenix Chemical
1.00	Panalene® H-300E	Hydrogenated Polyisobutene	Lipo Chemicals
<b>Part 4</b>			
0.10	<b>AQUA KEEP 10SH-NFC</b>	Sodium Acrylates Crosspolymer-2	<b>Sumitomo Seika/Kobo Products</b>
<b>Part 5</b>			
11.40	Deionized Water	Water	
1.00	Glycerin U.S.P. F.C.C. 96%	Glycerin	Ruger Chemical
1.00	Euxyl® PE 9010	Phenoxyethanol (And) Ethylhexylglycerin	Schulke & Mayr
<b>Part 6</b>			
5.00	<b>MSS-500W</b>	Silica	<b>Kobo Products</b>
100.00			

## Description:

This moussy and creamy sunscreen formula glides onto the skin with minimal whitening. Kobo's attenuation grade NHP dispersions provide SPF and UVA protection. CXG-1104, a silicone elastomer, contributes to the texture and enhances slip and spreadability. KOBOGUARD® MQ60DM, a silicone-based film former, improves wear and water resistance. AQUA KEEP 10SH-NFC gels the aqueous phase and offers stability to the formula. MSS-500W enhances the feel and provides a soft focus effect.

## Manufacturing Procedure:

1. Mix Part 1.
2. Combine Part 2 and homogenize at room temperature.
3. Slowly add Part 1 to Part 2 under the homogenizer.
4. Switch to prop mix and add Part 3 to the main beaker. Heat to 75°C. Keep tightly covered.
5. Add Part 4 at 75°C.
6. Combine Part 5 under prop mix and heat to 70°C.
7. Slowly add Part 5 to main beaker when both phases are at 70°C.
8. Slowly add Part 6 and mix on high speed until batch is cool.

## Active Ingredient(s):

Zinc Oxide	17.10%
Titanium Dioxide	6.84%

## Testing:

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



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# KLF-243-BR Camouflage Foundation

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
20.21	Deionized Water	Water	
2.00	Glicerina Bi-Destilada U.S.P.	Glycerin	Synth
0.50	Cloreto de Sódio	Sodium Chloride	CAAL
<b>Part 2</b>			
33.60	<b>PMLVP75C</b>	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	<b>Kobo Products</b>
8.00	Permethyl® 99A	Isododecane	Cosmotec
5.95	<b>PMLVP65Y</b>	Iron Oxides (CI 77492) (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>
5.00	<b>T.I.O.</b>	Triethylhexanoïn	<b>Ikeda/Kobo Products</b>
5.00	<b>KOBOGUARD® MQ75ETS</b>	Trimethylsiloxysilicate (And) Ethyl Trisiloxane	<b>Kobo Products</b>
3.00	Bentone Gel® ISD V	Isododecane (And) Disteardimonium Hectorite (And) Propylene Carbonate	Elementis Specialties
2.50	<b>COSMOL™ 182V</b>	Sorbitan Sesquiiisostearate	<b>Ikeda/Kobo Products</b>
2.50	ABIL® EM 180	Cetyl PEG/PPG-10/1 Dimethicone	Evonik
1.00	Cosmoguard® SL CP	Phenoxyethanol (and) Ethylhexylglycerin	Cosmotec
0.92	<b>PMLVP75R</b>	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	<b>Kobo Products</b>
0.32	<b>PMLVP75B</b>	Iron Oxides (CI 77499) (And) Isododecane (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
<b>Part 3</b>			
8.00	<b>MST-E8</b>	Vinyl Dimethicone/Methicone Silsesquioxane Crosspolymer	<b>Kobo Products</b>
1.50	<b>MSS-500/3H</b>	Silica	<b>Kobo Products</b>
100.00			

## Description:

This full coverage foundation features Kobo's PMLVP Dispersions, which offer full color development, better stability and contribute to the fast and uniform set up of the formula on the face. T.I.O., an ester with excellent oxidative and hydrolysis stability, offers a pleasant skin feel. COSMOL™ 182V is a non-ionic emulsifier that contributes to product stability. KOBOGUARD® MQ75ETS improves adhesion of the formula onto the skin, helps with rub-resistance and improves formula wear. MST-E8 is a spherical elastomer that imparts a luxurious, creamy texture. MSS-500/3H enhances the elegant natural-looking mattifying effect and contributes to soft focus.

## Manufacturing Procedure:

1. Combine Part 1 under prop mix.
2. Combine Part 2 and mix until homogeneous.
2. Slowly add Part 1 to Part 2 under prop mix.
3. Add Part 3 and mix until homogeneous.





KLF-245-EU

# Long Wear Liquid Foundation

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
30.20	Deionized Water	Water	
5.00	<b>KOBOGUARD® 50AMP</b>	Acrylates/Ethylhexyl Acrylate Copolymer (And) Water (And) Aminomethyl Propanol	<b>Kobo Products</b>
3.00	Glycerin	Glycerin	Mapric
1.00	Sodium Chloride	Sodium Chloride	Fisher
0.80	Tego® SML 20	Polysorbate 20	Evonik
<b>Part 2</b>			
15.00	<b>FADM65UTB</b>	Titanium Dioxide (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Tocopheryl Acetate	<b>Kobo Products</b>
10.00	Dub Inin A	Isononyl Isononanoate	Stéarinerie-Dubois
10.00	<b>CPF-3300@10cSt</b>	Phenyl Trimethicone	<b>Avantor/Kobo Products</b>
5.00	Purolan® IDD	Isododecane	Lanxess
5.00	<b>CARESS® BN02</b>	Boron Nitride	<b>Bent Tree/Kobo Products</b>
3.00	<b>FADM55YTB</b>	Iron Oxides (CI 77492) (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Tocopheryl Acetate	<b>Kobo Products</b>
3.00	Bentone Gel® VS 5 PCV	Cyclopentasiloxane (And) Disteardimonium Hectorite (And) Propylene Carbonate	Elementis
2.50	Abil® EM 90	Cetyl PEG/PPG-10/1 Dimethicone	Evonik
2.00	<b>KOBOGUARD® 5400 IDD</b>	Hydrogenated Polycyclopentadiene (And) Isododecane	<b>Kobo Products</b>
1.50	<b>MSS-500/3H</b>	Silica	<b>Kobo Products</b>
1.00	Isolan® GPS	Polyglyceryl-4 Diisostearate/Polyhydroxystearate/Sebacate	Evonik
1.00	Symdiol® 68	1,2-Hexanediol (and) Caprylyl Glycol	Symrise
0.70	<b>FADM55RTB</b>	Iron Oxides (CI 77491) (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Tocopheryl Acetate	<b>Kobo Products</b>
0.30	<b>FADM60BTB</b>	Iron Oxides (CI 77499) (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Tocopheryl Acetate	<b>Kobo Products</b>
100.00			

## Description:

This long-wear liquid foundation combines film formers for both water and oil phases that will improve transfer and water resistance: **KOBOGUARD® 50AMP** (for water phase) and **KOBOGUARD® 5400 IDD** (for oil phase). **FADM** pigmentary dispersions offer full color development and ease the manufacturing process allowing high pigment loading in formulations. **CPF-3300@10cSt** is a low viscosity phenyl trimethicone that improves spreadability with a light weight feel.

**CARESS® BN02** is a small particle size boron nitride that improves application with a luxurious feel. **MSS-500/3H** is an oil absorbing silica that gives oil control and matte effect.

## Manufacturing Procedure:

1. Add Part 2 to main vessel and mix until pigments are fully dispersed.
2. Pre-mix Part 1, adding **KOBOGUARD® 50AMP** last after all other ingredients are homogeneously mixed. Adjust pH to 7 using citric acid or NaOH solutions (10%).
3. Add Part 1 slowly to Part 2 while mixing.





KLF-249B

# Anhydrous KoboGel™ D5-B Medium Foundation with GWC-060F

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
90.00	<b>KoboGel™ D5-B Medium</b>	Pigmented Silicone Gel	<b>Kobo Products</b>
10.00	<b>GWC-060F</b>	Polybutyl Methacrylate	<b>Kobo Products</b>
100.00			

## Description:

This anhydrous silicone-based 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. Polymer microsphere, GWC-060F smooths the appearance of fine lines and wrinkles. It also contributes to the lightweight feel and even application of the formula.

## Manufacturing Procedure:

1. Combine Part 1 and 2 until homogeneous with prop mix.





# KLF-259-BR Natural BB Glow

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
15.27	Deionized Water	Water	
1.00	Glicerina Bi-Destilada U.S.P.	Glycerin	Synth
0.70	Cloreto de Sódio	Sodium Chloride	CAAL
<b>Part 2</b>			
25.00	<b>GC70MZCJ-G</b>	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Jojoba Esters (And) Glyceryl Behenate/Eicosadioate	<b>Kobo Products</b>
17.00	<b>JOSP50TJE</b>	Simmondsia Chinensis (Jojoba) Seed Oil (And) Titanium Dioxide (And) Aluminum Hydroxide (And) Jojoba Esters (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
7.00	Tegosoft® CT	Caprylic/Capric Triglycerides	Cosmotec
5.22	<b>JOH45YJE</b>	Iron Oxides (CI 77492) (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica	<b>Kobo Products</b>
5.00	<b>COSMOL™ 43V</b>	Polyglyceryl-2 Triisostearate	<b>Ikeda/Kobo Products</b>
4.00	Isolan® GI 34	Polyglyceryl-4 Isostearate	Cosmotec
2.71	<b>JOH65UJE</b>	Titanium Dioxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica	<b>Kobo Products</b>
2.00	<b>SunBoost ATB Natural</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
2.00	Olivem® 900	Sorbitan Olivatate	Grant Industries, Inc.
1.13	<b>JOH55RJE</b>	Iron Oxides (CI 77491) (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica	<b>Kobo Products</b>
0.47	<b>JOH55BJE</b>	Iron Oxides (CI 77499) (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica	<b>Kobo Products</b>
<b>Part 3</b>			
1.00	Lexgard® Natural	Glyceryl Caprylate (and) Glyceryl Undecylenate	Inolex
<b>Part 4</b>			
5.00	<b>KTZ® EXTRAFINE GOLD</b>	Titanium Dioxide (And) Mica	<b>Kobo Products</b>
1.50	<b>K-RAY® DarkCopper</b>	Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77499)	<b>Kobo Products</b>
<b>Part 5</b>			
4.00	<b>CELLULOBEADS D-10-PC2</b>	Cellulose (And) Hydrogenated Lecithin	<b>Kobo Products</b>
100.00			

## Description:

This Natural BB Glow formula with SPF was developed for full-face radiance and can be used alone or under low coverage foundation. It features Kobo's Titanium Dioxide Dispersion, JOSP50TJE, and Zinc Oxide Dispersion, GC70MZCJ-G, to provide UVB and UVA protection. SunBoost ATB Natural - a proprietary ratio of antioxidant, antiirritant and anti-inflammatory agents, helps boost SPF and PFA. For enhanced skin feel, COSMOL™ 43, an ester with superior oxidative stability is used. Kobo's JOH Pigmentary Dispersions based on natural oils and dispersants, provide full color development and ease of use. The cellulose microsphere treated with Hydrogenated Lecithin, CELLULOBEADS D-10-PC2, offers a creamy texture, moisturizing feel and excellent affinity to the skin. The KTZ® EXTRAFINE GOLD and K-RAY® DarkCopper combination imparts a subtle glow.

## Manufacturing Procedure:

1. Combine Part 1 and heat to 80°C.
2. Combine Part 2 mix until homogeneous and heat to 80°C.
3. Add Part 1 slowly and under stirring to Part 2 and mix until homogeneous.
4. Cool to 50°C and add Parts 3, 4 and 5, and mix until homogeneous.
5. Cool to 25°C under stirring.

## Active Ingredient(s):

Titanium Dioxide	6.63%
Zinc Oxide	16.75%





KPW-028A

# Setting Powder with KOBOPEARL® EF-8

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
82.35	<b>MICA S-ASG3</b>	Mica (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
10.00	<b>KOBOPEARL® EF-8</b>	Mica (And) Titanium Dioxide (And) Barium Sulfate	<b>Kobo Products</b>
4.00	<b>SILICA SHELLS</b>	Silica	<b>Kobo Products</b>
0.30	<b>BYO-ASG3</b>	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.15	<b>BRO-ASG3</b>	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.10	Potassium Sorbate NF	Potassium Sorbate	Jeen International
0.10	<b>BBO-ASG3</b>	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
<b>Part 2</b>			
3.00	<b>SunBoost ATB Natural</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
<b>100.00</b>			

## Description:

This light weight Natural Setting Powder has a translucent finish and sets makeup without looking chalky or dry. It features Kobo's ASG treated pigments and filler, which have a natural amino acid coating to provide a creamy feel and good skin adhesion. SILICA SHELLS is a high oil absorption Silica that helps to absorb excess facial oils. SunBoost ATB Natural is a proprietary ratio of three skin conditioning agents that contributes additional benefits. KOBOPEARL® EF-8 adds a blurring effect and highlighting properties to the loose powder formulation.

## Manufacturing Procedure:

1. Combine Part 1 and blend until uniform.
2. Add Part 2 to Part 1 and blend until uniform.



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KPP-102A

# Pressed Powder Foundation

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
66.10	<b>GMS-TTB4</b>	Mica (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxylethyl Dimethicone	<b>Kobo Products</b>
5.90	<b>BGYO-TTB2</b>	Iron Oxides (CI 77492) (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxylethyl Dimethicone	<b>Kobo Products</b>
5.00	<b>MSS-500W</b>	Silica	<b>Kobo Products</b>
5.00	<b>CARESS® BN09</b>	Boron Nitride	<b>Bent Tree/Kobo Products</b>
3.00	<b>KTZ® FINE WHITE</b>	Mica (And) Titanium Dioxide	<b>Kobo Products</b>
2.20	<b>ZINC MYRISTATE</b>	Zinc Myristate	<b>Kobo Products</b>
2.00	<b>RBTD-TTB2</b>	Titanium Dioxide (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxylethyl Dimethicone	<b>Kobo Products</b>
1.80	<b>BGRO-TTB2</b>	Iron Oxides (CI 77491) (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxylethyl Dimethicone	<b>Kobo Products</b>
1.00	<b>BGBO-TTB2</b>	Iron Oxides (CI 77499) (And) Triethoxysilylethyl Polydimethylsiloxylethyl Dimethicone (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
<b>Part 2</b>			
2.50	Xiameter® PMX-200 Silicone Fluid 20CS	Dimethicone	Dow Corning
2.50	Lexol® PG-865	Propylene Glycol Dicaprylate/Dicaprate	Inolex
2.00	Xiameter® PMX-200 Silicone Fluid 350 CS	Dimethicone	Dow Chemical Company
1.00	SS4267	Dimethicone (And) Trimethylsiloxysilicate	Momentive
100.00			

## Description:

This pressed powder features Kobo's TTB-Treated Pigments to show how they enhance formula wear. This treatment is both hydrophobic and lipophilic. Boron Nitride, CARESS® BN09, enhances the formula with increased slip and a creamy feel. It imparts superior softness and tactility, superb spreadability, excellent adherence, and good coverage. MSS-500W gives slip and a great creamy feel. ZINC MYRISTATE also contributes to great feel, adherence on the skin, and acts as part of the formula's dry binder system. KTZ® FINE WHITE imparts sheen for natural glow.

## Manufacturing Procedure:

1. Combine Part 1 in blender. Blend until color is fully developed.
2. Combine Part 2 and mix well.
3. Add Part 2 to Part 1 and blend until uniform.
4. Press at 700 psi.



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KPP-106

# Talc-Free Pressed Powder

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







KPP-116

# Pressed Powder with GWC-060G

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
70.48	<b>GMS-ASG3</b>	Mica (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
10.00	<b>GWC-060G</b>	Styrene/Acrylates Copolymer	<b>GuideWin/Kobo Products</b>
7.00	<b>BTD-ASG2</b>	Titanium Dioxide (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
2.20	<b>ZINC MYRISTATE</b>	Zinc Myristate	<b>Kobo Products</b>
1.00	<b>BYO-ASG3</b>	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.86	<b>BRO-ASG3</b>	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.46	<b>BBO-ASG3</b>	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
<b>Part 2</b>			
2.50	Xiameter® PMX-200 Silicone Fluid 20 CS	Dimethicone	Dow Corning
2.50	LEXOL® PG-865	Propylene Glycol Dicaprylate/Dicaprate	Inolex Chemical Company
2.00	Xiameter® PMX-200 Silicone Fluid 350 CS	Dimethicone	Dow Corning
1.00	SS4267	Dimethicone (And) Trimethylsiloxy silicate	Momentive
<b>100.00</b>			

## Description:

This velvety, soft-to-the-touch pressed powder instantly diffuses imperfections, leaving skin with natural-looking radiance and coverage. It features Kobo's ASG treated materials in combination with GWC-060G to impart a creamy feel to the formula, improve product payoff and provide adherence to skin. ZINC MYRISTATE is a dry binder that also contributes to great feel and adherence on the skin.

## Manufacturing Procedure:

1. Micropulverize Part 1 until color is fully developed.
2. Add Part 2 to Part 1 and blend until uniform.
3. Press at 1300 psi.





KMU-029A

# Natural Eyebrow Powder - Brown

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
58.50	<b>GMS-NJE3</b>	Mica (And) Jojoba Esters	<b>Kobo Products</b>
12.00	<b>BBO-NJE2</b>	Iron Oxides (CI 77499) (And) Jojoba Esters	<b>Kobo Products</b>
10.00	<b>MSS-500/20N</b>	Silica	<b>Kobo Products</b>
6.50	<b>BRO-NJE2</b>	Iron Oxides (CI 77491) (And) Jojoba Esters	<b>Kobo Products</b>
4.00	<b>MAGNESIUM MYRISTATE</b>	Magnesium Myristate	<b>Kobo Products</b>
4.00	<b>BYO-NJE3</b>	Iron Oxides (CI 77492) (And) Jojoba Esters	<b>Kobo Products</b>
<b>Part 2</b>			
5.00	<b>SunBoost ATB Natural</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
100.00			

## Description:

This natural, dark brown brow powder seamlessly fills in sparse areas on eyebrows for a natural-appearing, fuller look. Kobo's NJE treated pigments and filler provide the dark brown shade and help the formula adhere to brows. MSS-500/20N enhances payoff and improves feel. MAGNESIUM MYRISTATE helps with pressability. SunBoost ATB Natural acts as the sole liquid binder while also providing conditioning properties to brows.

## Manufacturing Procedure:

1. Combine Part 1 and blend until uniform.
2. Slowly add Part 2 to Part 1 and blend until uniform.
3. Press at 700psi.

## Notes:

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





KEL-024

# Felt Tip Liquid Eye Liner with WSJ10CB-NP

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
51.95	Deionized Water	Water	<b>Borregaard/Kobo Products</b>
0.10	Exilva FM 02-L	Water (And) Cellulose	
0.05	Edeta® BD	Disodium EDTA	
<b>Part 2</b>			
1.00	Zemea™ Propanediol	Propanediol	Dupont Tate & Lyle
1.00	Butylene Glycol	Butylene Glycol	Pride Solvents & Chemicals Co. of NJ, Inc.
0.90	Euxyl® PE 9010	Phenoxyethanol (And) Ethylhexylglycerin	Schulke & Mayr
<b>Part 3</b>			
40.00	WSJ10CB-NP	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 4</b>			
5.00	Ethanol 24,511-9	Ethyl Alcohol	Aldrich Chemical Co.
100.00			

## Description:

This Felt Tip Liquid Eye Liner features Kobo's Carbon Black dispersion, WSJ10CB-NP. This blackest black dispersion creates a deep, intense, black color and adds film-forming properties. Exilva FM 02-V exhibits the unique property of thinning under shear (package contains shaking ball), so product can be mixed easily and then return to its original gel-like state for precise, non-skipping line application.

## Manufacturing Procedure:

1. Homogenize Part 1 until fully dispersed.
2. Add Part 2 to Part 1 until uniform.
3. Add Part 3 to Batch until homogeneous.
4. Add Part 4 to batch until uniform.



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KEL-025

# Natural Liquid Eyeliner

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
6.36	Carnauba Wax SP 63P	Copernicia Cerifera (Carnauba) Wax	Strahl & Pitsch
4.55	Montanov™ 68	Cetearyl Alcohol (and) Cetearyl Glucoside	Seppic
2.73	Beeswax White Sp 422P	Beeswax	Strahl & Pitsch
0.91	CANDELILLA WAX	Euphorbia Cerifera (Candelilla) Wax	Strahl & Pitsch
<b>Part 2</b>			
16.45	Deonized Water	Water	
9.09	BLACK NF	Iron Oxides (CI 77499)	Kobo Products
1.82	Zemea®	Propanediol	Du Pont & Tate
0.18	Keltrol® CG	Xanthan Gum	CP Kelco
<b>Part 3</b>			
47.63	Deonized Water	Water	
3.64	Nature® Film AP	Pullulan (and) Sorbitol (and) Trehalose (and) Acacia Senegal Gum	Sensient Cosmetic Technologies
0.46	Plantaren® 1200 N UP	Lauryl Glucoside	BASF
<b>Part 4</b>			
1.82	KAOLIN	Kaolin	Imerys
1.82	KoboMica S-25	Mica	Kobo Products
1.82	MSS-500W	Silica	Kobo Products
<b>Part 5</b>			
0.46	CELL-U-LASH™ 90	Cellulose	Kobo Products
<b>Part 6</b>			
0.26	AE Preserve® PCG	Phenethylalcohol (And) Caprylhydroxamic Acid (And) Glycerin	AE Chemie
100.00			

## Description:

This all-natural liquid eyeliner features BLACK NF, which gives a deep black color to the product. The combination of KoboMica S-25, CELL-U-LASH™ 90, and MSS-500W provides thickness and body and contributes to a precise non-skipping line.

## Manufacturing Procedure:

1. Heat Part 1 to 85°C in a side beaker, while mixing with a spatula.
2. Prepare grind in a side beaker. Pre-mix Keltrol® CG with Zemea® and add DI Water. Prop mix for 5 minutes, then add Black NF. Homogenize grind phase until pigment is fully dispersed.
3. Start making water phase, Part 3 in the main beaker. Combine DI Water with Plantaren® 1200 N UP and Nature® Film AP. Start heating to 80°C-85°C under prop mixer.
4. Add Part 2 (grind phase) to the main beaker (water phase).
5. Start adding microspheres in Part 4 to the main beaker.
6. Heat up Part 1 to 90°C
6. Once water phase Parts 2, 3 and 4 and oil/wax phase Part 1 reach 85°C, start to emulsify by adding Parts 2, 3 and 4 to Part 1. Emulsify under prop mixer for 5 minutes. After emulsification, turn off heat and continue mixing for 10 minutes.
7. Add Part 5 to the main beaker during cooling process.
8. Add Part 6 to the main batch at room temperature. Add back DI Water missing from evaporation to come out with 100% formula.



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KEY-094

# High Shimmer Eyeshadow with KTZ® SM BRASSY BRONZE

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
15.00	MICA S-FS	Mica (And) Perfluorooctyl Triethoxysilane	Kobo Products
9.00	CARESS® BN06	Boron Nitride	Bent Tree/Kobo Products
7.50	MAGNESIUM MYRISTATE	Magnesium Myristate	Kobo Products
3.00	MSS-500N-FS	Silica (And) Perfluorooctyl Triethoxysilane	Kobo Products
2.75	TALC N-FS	Talc (And) Perfluorooctyl Triethoxysilane	Kobo Products
2.50	ZINC MYRISTATE	Zinc Myristate	Kobo Products
2.00	MST-547-FS	Polymethylsilsesquioxane (And) Perfluorooctyl Triethoxysilane	Kobo Products
2.00	BWBO-FS	Iron Oxides (CI 77499) (And) Perfluorooctyl Triethoxysilane	Kobo Products
0.15	Methyl Paraben NF	Methylparaben	International Sourcing
0.10	Propyl Paraben NF	Propylparaben	International Sourcing
<b>Part 2</b>			
9.00	Xiameter® PMX-200 Silicone Fluid 1000 CS	Dimethicone	Dow Coming
5.00	Xiameter® PMX-200 Silicone Fluid 350CS	Dimethicone	Dow Coming
2.00	Xiameter® PMX-200 Silicone Fluid 20CS	Dimethicone	Dow Coming
<b>Part 3</b>			
40.00	KTZ® SM BRASSY BRONZE	Synthetic Fluorophlogopite (And) Iron Oxides (CI 77491)	Kobo Products
100.00			

## Description:

This High Shimmer Eyeshadow formula features Kobo's Fluoro Silane treated pigment BWBO-FS, natural MICA S-FS, Microspheres MSS-500N-FS and MST-547-FS and Filler TALC N-FS. The FS treatment exhibits both water and oil repellency while promoting adherence to the eye lids for long, crease-free wear. The formula exhibits smooth, blendable properties and rich, intense, universally flattering stay-true color, perfect for sculpting, shading and defining. Kobo's combination of MAGNESIUM MYRISTATE and ZINC MYRISTATE works as an anti-caking additive or processing aid, that prevents powders from forming clumps, and as a slip modifier, which helps other powder ingredients to flow more easily and more smoothly. Kobo's CARESS® BN06 Boron Nitride provides superior softness, spreadability and excellent adherence to the skin. KTZ® SM BRASSY BRONZE gives a unique, intense, shimmery bronze color to the formula.

## Manufacturing Procedure:

1. Blend Part 1 until color is fully developed.
2. Add Part 2 and blend on High speed, 8 intervals.
3. Add Part 3 and blend on low speed, 12 intervals.
4. Press at 1600 psi.

Note: blend for 10 second intervals then scrape/mix and repeat as indicated.



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KEY-106

# Liquid Eyeshadow with Exilva FM 02-L and KTZ® SM CRYSTAL GOLD

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
71.10	Deionized Water	Water	
1.00	Exilva FM 02-L	Water (And) Cellulose	Borregaard/Kobo Products
<b>Part 2</b>			
5.00	Glycerin U.S.P. Natural 96%	Glycerin	Van Waters and Rogers
1.00	MAKIMOUSSE 12	Sodium Polyacrylate Starch	Daito/Kobo Products
0.90	PHENOXETOL	Phenoxyethanol	Clariant
<b>Part 3</b>			
11.00	KTZ® SM CRYSTAL GOLD	Synthetic Fluorphlogopite (And) Iron Oxides (CI 77491) (And) Silica	Kobo Products
<b>Part 4</b>			
10.00	KOBOGUARD® 50AMP	Acrylates/Ethylhexyl Acrylate Copolymer (And) Water (And) Aminomethyl Propanol	Kobo Products
100.00			

## Description:

This Ultra Metallic Finish Eye Shadow features Exilva FM 02-L, a water-based natural thickener and stabilizer. KTZ® SM CRYSTAL GOLD imparts color and a metallic-like visual effect. KOBOGUARD® 50AMP is used to produce a long-wearing film and provide water resistance. MAKIMOUSSE 12 provides controlled moisture release during application while also giving the product a mousse-like, velvety texture.

## Manufacturing Procedure:

1. Slurry Part 2.
2. Add Part 2 to Part 1 while mixing.
3. Add Part 3 slowly.
4. Add Part 4 and mix until homogeneous.



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KMA-076E

# All-In-One Tube Mascara with KOBOGUARD® 50AMP

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
5.00	Carnauba Wax SP 63P	Copernicia Cerifera (Carnauba) Wax	Strahl & Pitsch
3.50	Lipo® GMS 450	Glyceryl Stearate	Vantage
3.00	Beeswax White Sp 422P	Beeswax	Strahl & Pitsch
2.00	Dermofat 4919	Stearic Acid	Alzo Chemical
2.00	Panalene® H-300E	Hydrogenated Polyisobutene	Lipo Chemicals
1.60	Tween™ 80	Polysorbate 80	Croda
1.00	<b>Plandool™-G</b>	Bis-Behenyl/Isostearyl/Phytosteryl Dimer Dilinoleyl Dimer Dilinoleate	<b>Nippon/Kobo Products</b>
1.00	Prisorine™ 3515	Isostearyl Alcohol	Croda
1.00	ELEMENT14 PDMS 5-A	Dimethicone	Momentive
<b>Part 2</b>			
13.65	Deionized Water	Water	
2.00	Butylene Glycol	Butylene Glycol	Ruger Chemical
1.00	<b>MSS-500W</b>	Silica	<b>Kobo Products</b>
1.00	<b>SERICITE GMS-4C</b>	Mica	<b>Kobo Products</b>
0.80	AMP ULTRA® PC 2000	2-Amonoisobutanol	Angus Chemical Company
0.15	Natrosol® 250 HHR	Hydroxyethylcellulose	Ashland
0.10	Protacide Na3 EDTA™	Trisodium EDTA	Protameen
0.10	Jeen Potassium Sorbate USP	Potassium Sorbate	Jeen International
0.10	<b>AQUA KEEP 10SH-NFC</b>	Sodium Acrylates Crosspolymer-2	<b>Sumitomo Seika/Kobo Products</b>
0.05	S-6W-6	Simethicone	Shin-Etsu
<b>Part 3</b>			
30.15	<b>KOBOGUARD® 50AMP</b>	Acrylates/Ethylhexyl Acrylate Copolymer (And) Water (And) Aminomethyl Propanol	<b>Kobo Products</b>
20.00	<b>WSJ20EBAMP-O</b>	Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Iron Oxides (CI 77499) (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Aminomethyl Propanol	<b>Kobo Products</b>
10.00	<b>WSJ10CB-NP</b>	Black 2 (And) PEG-40 Hydrogenated Castor Oil (And) Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Aminomethyl Propanol (And) Sodium Dehydroacetate	<b>Kobo Products</b>
<b>Part 4</b>			
0.80	Euxyl® PE 9010	Phenoxyethanol (And) Ethylhexylglycerin	Schulke & Mayr
100.00			

## Description:

This mascara's ability to form individual "tubes" around the eyelashes is due to the high concentration of KOBOGUARD® 50AMP. The mascara gives an oversized look to each individual lash upon application. Kobo's black iron oxide dispersion, WSJ20EBAMP-O, and carbon black dispersion, WSJ10CB-NP, provide the deep black color and film forming properties. PLANDOOL™-G helps the mascara glide smoothly onto the lashes. AQUA KEEP 10SH-NFC gels the aqueous phase of the formula. The combination of MSS-500W and SERICITE GMS-4C provides bulking properties to the formula and adds volume to the lashes.

## Manufacturing Procedure:

Oil Phase :

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

2. Once at 75°C, add dimethicone.

Water Phase (Main Beaker):

1. Record tare weight of main beaker and sweep.
2. Add water to the main beaker. Begin heating to 60°C with prop mixing. Maintain temperature.
3. Add Trisodium EDTA and Potassium Sorbate. Mix until fully dissolved. Begin heating to 85°C.
4. Pre-mix Butylene Glycol, Natrosol® and AQUA KEEP with spatula. Add mix to the main beaker. Mix until uniform and clear.
5. Add AMP Ultra, mix for 10 minutes.

6. Add Simethicone. Mix 5 mins.

7. Add MSS-500W and SERICITE.

Emulsification and cool down:

1. Add Oil phase into water phase, maintain mixing and temperature around 85°C for 15 minutes.
2. Begin to air cool.
3. Change prop to sweep when the bulk becomes thicker.
4. Add film former to the batch at 45°C, followed by dispersions, and then Euxyl®.
5. Add back correct amount of Water.
6. Air cool and mix until bulk reaches 28°C, stop mixing.



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KMA-079D

# Wax Free Gel Mascara

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
23.00	Deionized Water	Water	
0.10	Trisodium EDTA	Trisodium EDTA	Protameen
<b>Part 2</b>			
5.00	PROPYLENE GLYCOL	Propylene Glycol	Ruger Chemical
0.40	Solagum™ AX	Acacia Senegal Gum (And) Xanthan Gum	Seppic
0.30	Natrosol® 250 HHR CS	Hydroxyethylcellulose	Ashland
<b>Part 3</b>			
2.25	NOMCORT® HK-P	Polyglyceryl-10 Behenate/Eicosadioate	Ikeda
<b>Part 4</b>			
1.00	Prisorine™ 3515	Isostearyl Alcohol	Croda
0.25	Tween™ 80	Polysorbate 80	Croda
<b>Part 5</b>			
2.00	Deionized Water	Water	
2.00	Carbowax™ Sentry™ PEG 1450	Polyethylene Glycol	Dow Chemical
<b>Part 6</b>			
19.42	Deionized Water	Water	
0.80	Eastman AQ™ 55S Polymer	Polyester-5	Eastman Chemical
<b>Part 7</b>			
0.20	Lexgard® O	Caprylyl Glycol	Inolex
0.05	S-6W-6	Simethicone	Shin-Etsu
<b>Part 8</b>			
12.38	BLACK NF	Iron Oxides (CI 77499)	Kobo Products
<b>Part 9</b>			
0.80	Euxyl® PE 9010	Phenoxyethanol (And) Ethylhexylglycerin	Schulke & Mayr
<b>Part 10</b>			
5.00	MSP-822	Polymethyl Methacrylate	Kobo Products
2.00	DSPCS/20N-I2	Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate	Kobo Products
<b>Part 11</b>			
2.00	Zemea®	Propanediol	Du Pont & Tate
0.30	AQUA KEEP 10SH-NFC	Sodium Acrylates Crosspolymer-2	Sumitomo Seika/Kobo Products
<b>Part 12</b>			
19.75	KOBOGUARD® 50AMP	Acrylates/Ethylhexyl Acrylate Copolymer (And) Water (And) Aminomethyl Propanol	Kobo Products
1.00	KNY-3D	Nylon-66 (And) Titanium Dioxide	Kobo Products
100.00			

## Description:

This Wax Free Gel Mascara provides weightless volume and extreme length to the lashes. It features KNY-3D fibers which give the lashes both length and volume. Kobo's Microsphere Complex, DSPCS/20N-I2, is lightweight and provides volume to the lashes without changing the curl angle throughout wear, while MSP-822 improves thickening properties. BLACK NF provides the intense, black color. AQUA KEEP 10SH-NFC gels the aqueous phase of the formula and works as rheology modifier. KOBOGUARD® 50AMP is used to increase length of the lashes, prevent smudging and flaking and also provide water resistance.

## Manufacturing Procedure:

1. Combine Part 1 (main beaker) and begin mixing while heating to 45-50°C.
2. Premix Part 2 and slowly add to Part 1. Heat to 75°C.
3. Add Part 3 and mix until dissolved. Turn off heat.
4. Premix Part 4 and add to main beaker.
5. Premix Part 5 and add to main beaker.
6. In side beaker, begin mixing Part 6 water and heat to 75°C.
7. Once heated, add Eastman AQ™ 55S Polymer and mix until dissolved.
8. Turn off heat, and add premixed Part 7, followed by Parts 8 and 9.
9. Slowly add this phase to main beaker.
10. Add Part 10 to batch.
11. Premix Part 11 and add to batch.
12. Premix Part 12 and add to batch.



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KLP-125

# Butter Lipstick with OD Dispersions

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
50.25	Protachem CTG	Caprylic/Capric Triglyceride	Protameen
14.75	OD75CJE	Titanium Dioxide (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Kobo Products
13.25	OD75RJE	Iron Oxides (CI 77491) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Kobo Products
7.00	Cegesoft® SB	Butyrospermum Parkii (Shea) Butter	BASF
6.00	Carnauba Wax SP 63P	Copernicia Cerifera (Carnauba) Wax	Strahl & Pitsch
5.00	Ozokerite Wax White SP 1020P	Ozokerite	Strahl & Pitsch
3.70	Candelilla Wax SP 75	Euphorbia Cerifera (Candelilla) Wax	Olvea
0.05	BHT Food Grade Crystal	BHT	Universal Preserv-A-Chem, Inc.
100.00			

## Description:

This Lipstick contains Kobo's, OD Pigmentary dispersions, made with patented, NJE, Natural Jojoba Ester surface treated pigments. The dispersions impart a soft and creamy texture to the lipstick.

## Manufacturing Procedure:

1. Combine all of Part 1 ingredients and prop mix at 80°C until homogenous.
2. Pour into mold at @65°C.





KLP-167A

# Poppy Red Cushion Lip Cream

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
41.90	<b>RED 7CA E-FS08</b>	Red 7 Lake (And) Perfluorooctyl Triethoxysilane	<b>Kobo Products</b>
20.95	Permethyl® 99A	Isododecane	Presperse
11.45	Eutanol® G	Octyldodecanol	BASF
9.50	Versagel® MG 1600 T	Hydrogenated Poly(C6-14 Olefin) (and) Ethylene/Propylene/Styrene Copolymer (and) Butylene/Ethylene/Styrene Copolymer (and) Pentaerythrityl Tetra-di-t-butyl Hydroxyhydrocinnamate	Penreco
6.70	Silkflo® 364	Hydrogenated Polydecene	Vantage
1.90	Performalene™ M 70 Wax	Synthetic Wax	New Phase Technologies
1.90	Bentone Gel VS-5 PC V	Cyclopentasiloxane (And) Disteardimonium Hectorite (And) Propylene Carbonate	Elementis Specialties
0.95	Florasun® 90	Helianthus Annuus (Sunflower) Seed Oil	Floratech
<b>Part 2</b>			
4.75	<b>DSPCS/20N-I2</b>	Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
100.00			

## Description:

This intense color Poppy Red Cushion Lip Powder formula contains RED 7CA E-FS08 - FD&C Red 7 Ca Lk with Kobo's Perfluorooctyl Triethoxysilane Treatment. The treatment exhibits both water and oil repellency while promoting good skin adherence and improving wear properties. DSPCS/20N-I2 gives a light weight feel and imparts a powdery mattifying finish.

## Manufacturing Procedure:

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



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KLP-199A

# Lipstick with KTZ® EXTRAFINE SUNGLOW & SILCRUSTA MK03

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
55.40	Panalane® L-14E	Hydrogenated Polyisobutene	Vantage
9.70	INBP50R27U	Red 27 Lake (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid	Kobo Products
2.55	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
2.30	INBP50R6B	Red 6 Lake (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid	Kobo Products
0.15	INBP50R33A	Red 33 Lake (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate	Kobo Products
<b>Part 2</b>			
14.70	PM WAX 82	Polyethylene (And) Microcrystalline Wax	Toray/Kobo Products
10.00	Plandool™-H	Phytosteryl/Isostearyl/Cetyl/Stearyl/Behenyl Dimer Dilinoleate	Nippon/Kobo Products
0.10	Propyl Paraben NF	Propylparaben	International Sourcing
0.10	Methyl Paraben NF	Methylparaben	International Sourcing
<b>Part 3</b>			
2.50	SILCRUSTA MK03	Methyl Methacrylate Crosspolymer (And) Polymethylsilsesquioxane	Nikko Rica/Kobo Products
2.50	KTZ® EXTRAFINE SUNGLOW	Mica (And) Iron Oxides (CI 77491)	Kobo Products
100.00			

## Description:

This lipstick features Kobo's INBP Pigmentary Dispersions which ease the manufacturing process and give a uniformly developed background color. PM WAX 82 provides structure to the stick. Plandool™-H is the primary emollient and moisture-protecting agent. Kobo's SILCRUSTA MK03 is a composite microsphere with PMSQ that adds smoothness and optical blurring to fine lines and wrinkles on lips. KTZ® EXTRAFINE SUNGLOW offers a unique pearlescent and metallic effect to the formulation.

## Manufacturing Procedure:

1. Homogenize Part 1 until color is fully developed
2. Switch to high shear prop mix and add Part 2 to Part 1. Heat to 80°C.
3. Micropulverize Part 3 - slowly add to batch until homogeneous.
4. Pour into molds at 80°C.





KLP-200

# High Impact Lipstick Featuring INWP Dispersions

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
19.80	Castor Oil	Ricinus Communis (Castor) Seed Oil	Arista Industries, Inc.
12.00	Softisan® 645	Bis-Diglyceryl Polyacyladipate-1	IOI Oleo GmbH
11.00	Wickenol 155	Ethylhexyl Palmitate	Alzo International Inc.
6.00	<b>KOBOGUARD® 5400 CCT</b>	Hydrogenated Polycyclopentadiene (And) Caprylic/Capric Triglyceride	<b>Kobo Products</b>
6.00	Candelilla Wax SP 75	Euphorbia Cerifera (Candelilla) Wax	Strahl & Pitsch
4.50	Ozokerite Wax White SP 1020	Ozokerite	Strahl & Pitsch
3.00	Lipowax® D	Cetearyl Alcohol (And) Ceteareth-20	Vantage
2.50	Shea Butter	Shea Butter	BASF
2.00	Microcrystalline Wax SP-89	Microcrystalline Wax	Strahl & Pitsch
1.00	<b>MSS-500/3H</b>	Silica	<b>Kobo Products</b>
0.10	Propyl Paraben NF	Propylparaben	International Sourcing
0.10	BHT Food Grade Crystal	BHT	Protameen
<b>Part 2</b>			
16.00	<b>INWP75ER</b>	Iron Oxides (CI 77491) (And) Isononyl Isononanoate (And) Ozokerite (And) Isopropyl Titanium Triisostearate (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
16.00	<b>INWP45R7C</b>	Red 7 Lake (And) Isononyl Isononanoate (And) Ozokerite (And) Isopropyl Titanium Triisostearate (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
100.00			

## Description:

This high impact lipstick contains Kobo's INWP Pigmentary Dispersions which disperse easily into lipstick bases and help to achieve a high impact of color in formulations. MSS-500/3H enhances payoff and prevents the formula from sweating. KOBOGUARD® 5400 CCT gives gloss to the formula and improves long wear properties.

## Manufacturing Procedure:

1. Combine Part 1 under propeller mixing and heat to 80°C-85°C.
2. Add Part 2 to Part 1 and mix until homogeneous.
4. Pour into molds at 78°C - 80°C.





KLP-217A

# High Shine Carrot Lipstick

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
62.90	COSMOL™ 43V	Polyglyceryl-2 Triisostearate	Ikeda
17.27	SW30R6	Red 6 (And) Synthetic Wax (And) Isopropyl Titanium Triisostearate	Kobo Products
2.73	SW40R7C	Synthetic Wax (And) Red 7 Lake (And) Isopropyl Titanium Triisostearate	Kobo Products
0.10	Vitamin E Acetate	dl-alpha Tocopherol	BASF
<b>Part 2</b>			
12.00	PM WAX 82	Polyethylene (And) Microcrystalline Wax	Toray/Kobo Products
<b>Part 3</b>			
5.00	KTZ® EXTRAFINE SUNGLOW	Mica (And) Iron Oxides (CI 77491)	Kobo Products
100.00			

## Description:

This bright colored high coverage lipstick features Kobo's SW Pigmentary Dispersions in Synthetic Wax, which ease the manufacturing process and create uniformly developed background color. PM WAX 82 provides structure to the stick. KTZ® EXTRAFINE SUNGLOW offers a unique pearlescent and metallic effect to the formulation.

## Manufacturing Procedure:

1. Prop mix Part 1, while heating to 85°C.
2. Add Part 2 to Part 1 under prop mixing.
3. Once wax is melted, add Part 3 to Parts 1 and Part 2 and continue to mix under good agitation, until uniformity is achieved.
4. Pour bulk at 75°C into mold and place mold in freezer for 15 minutes. Remove bullets and insert them into lipstick components.





KLG-091

# Glitter Flip with GWC-051H

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
18.95	Permethyl® 99A	Isododecane	Presperse
18.95	Dow Corning MQ-1600 FLAKE RESIN	Trimethylsiloxysilicate	Dow Chemical Company
<b>Part 2</b>			
7.90	<b>K-RAY® SM VIOLET SP</b>	Synthetic Fluorphlogopite (And) Titanium Dioxide	<b>Kobo Products</b>
6.20	<b>K-RAY® SM GREEN SP</b>	Synthetic Fluorphlogopite (And) Titanium Dioxide	<b>Kobo Products</b>
3.95	<b>KOBOGUARD® MQ60DM</b>	Trimethylsiloxysilicate (And) Dimethicone	<b>Kobo Products</b>
3.95	<b>FLORITE PS-10</b>	Calcium Silicate	<b>Tomita/Kobo Products</b>
1.60	<b>INBP45R7C</b>	Red 7 Lake (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
0.10	<b>INBP50R33A</b>	Red 33 Lake (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>			
15.70	PANALANE® H-300E	Hydrogenated Polyisobutene	Vantage
9.00	ELEMENT14 PDMS 5-A	Dimethicone	Momentive
3.70	<b>KTZ® SM GLISTEN</b>	Synthetic Fluorphlogopite (And) Titanium Dioxide	<b>Kobo Products</b>
<b>Part 4</b>			
10.00	<b>GWC-051H</b>	Vinyl Dimethicone/Methicone Silsesquioxane Crosspolymer	<b>GuideWin/Kobo Products</b>
100.00			

## Description:

This Lip Gloss is a non-drying and comfortable lip gloss with glitter effect. It features a combination of K-RAY® SM GREEN SP and K-RAY® SM VIOLET SP, large particle size Interference Tones which are composed of Synthetic Fluorphlogopite. This combination imparts visual effects and sparkle after the lips are pressed together. KTZ® SM GLISTEN works as a base layer. KOBOGUARD® MQ60DM is a silicone based film former that improves wear. FLORITE PS-10 covers large particle pearls in the formula and helps them be released to the surface after pressing upper and bottom lips together. Kobo's INBP Pigmentary Dispersions ease the manufacturing process and give a more intense, uniformly developed color. GWC-051H, spherical elastomer powder is composed of Vinyl Dimethicone/Methicone Silsesquioxane Crosspolymer. This material swells in silicones and improves suspension of pearls in the formula.

## Manufacturing Procedure:

1. Combine Part 1. Homogenize until uniform.
2. Add Part 2 to Part 1. Prop mix high shear for 15 min.
3. Slowly add Parts 3 and 4 respectively until uniform.





KFL-118C

# Brightening Face and Eye Balm with LSP-537

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
23.16	Protachem™ CTG	Caprylic/Capric Triglyceride	Protameen
14.80	Castor Oil	Ricinus Communis (Castor) Seed Oil	Arista Industries, Inc.
9.00	CO15M5	Ricinus Communis (Castor) Seed Oil (And) Silica	Kobo Products
5.00	SunBoost ATB Natural	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
2.50	BTD-ASG2	Titanium Dioxide (And) Stearoyl Glutamic Acid	Kobo Products
0.12	YELLOW 5AL-ASG4	Yellow 5 Lake (And) Stearoyl Glutamic Acid	Kobo Products
0.12	BRO-ASG3	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid	Kobo Products
<b>Part 2</b>			
5.00	Candelilla Wax	Euphorbia Cerifera (Candelilla) Wax	Frank B. Ross
5.00	Beeswax White SP 422P	Beeswax	Strahl & Pitsch
3.00	Lanolin Technical Grade	Lanolin	RITA
2.50	Shea Butter	Shea Butter	BASF
2.00	Carnauba Wax SP 63P	Copernicia Cerifera (Carnauba) Wax	Frank B. Ross
1.00	Lexgard® Natural	Glyceryl Caprylate (And) Glyceryl Undecylenate	Inolex
<b>Part 3</b>			
13.80	KoboMica L-24	Mica	Kobo Products
10.00	LSP-537	Methyl Methacrylate Crosspolymer	Kobo Products
3.00	KTZ® XIAN VISTAS	Titanium Dioxide (And) Mica (And) Iron Oxides (CI 77491)	Kobo Products
100.00			

## Description:

This brightening balm stick gives excellent soft focus as well as a powdery after feel due to addition of LSP-537. It also features SunBoost ATB Natural, which contains a proprietary ratio of anti-oxidant, anti-irritant, and anti-inflammatory agents, leaving a moisturizing feel to the skin. CO15M5 gives structure and emolliency to the stick. This balm has a peach tint due to selection of ASG treated pigments. This treatment is an amino acid coating, that imparts a moist, creamy feel to the skin. KoboMica L-24 gives a natural sheen and luster as well as excellent skin adhesion and slip upon application. KTZ® XIAN VISTAS is a pearlescent pigment specially designed to neutralize dark circles.

## Manufacturing Procedure:

1. Combine Part 1 and homogenize until pigments are dispersed.
2. Add Part 2 to Part 1. Prop mix and heat until waxes are melted.
3. Slowly add Part 3 and mix until uniform.
4. Mix slowly while cooling to reduce air bubble formation. Pour at 65°C.





%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
43.28	Deionized Water	Water	
4.00	Glycerin	Glycerin	Interchimie
3.00	<b>Cn-HAHWS</b>	Water (And) Pentylene Glycol (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Sodium Hyaluronate (And) Hydrogenated Lecithin	<b>Kobo Products</b>
1.00	Sodium Chloride	Sodium Chloride	Fischer
1.00	Symdiol® 68	1,2-Hexanediol (and) Caprylyl Glycol	Symrise
0.70	Tego® SML 20	Polysorbate 20	Evonik
<b>Part 2</b>			
8.00	KF-995	Cyclopentasiloxane	Shin-Etsu
8.00	Dub Inin	Isononyl Isononanoate	Stéarinerie-Dubois
8.00	Caprylylmethicone	Caprylylmethicone	BRB
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>
3.00	KF-6017	PEG-10 Dimethicone	Shin-Etsu
3.00	CXG-1104	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	Avantor
3.00	Bentone Gel® VS-5 PCV	Cyclopentasiloxane (and) Distearidimonium Hectorite (and) Propylene Carbonate	Elementis
2.00	<b>MSS-500/3H</b>	Silica	<b>Kobo Products</b>
2.00	KSG-210	Dimethicone (and) Dimethicone/PEG-10/15 Crosspolymer	Shin-Etsu
2.00	<b>CARESS® BNO2</b>	Boron Nitride	<b>Bent Tree/Kobo Products</b>
0.02	<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>
100.00			

**Description:**

This SOS Skin Repair cream features KoboBlur™ 100 Natural, a powder complex with the capacity to hide skin imperfections while offering nice, smooth skin feel. MSS-500/3H is a high oil absorption, silica microsphere that gives a matte effect. CARESS® BNO2 is a small particle size Boron Nitride that improves application and after feel. Cn-HAHWS is a corneosphere that provides skin moisturization. INBP75ER is a pigmentary dispersion that adds a light pink shade to the formulation.

**Manufacturing Procedure:**

1. Add Part 2 ingredients one by one, starting with liquid/gels followed by powders, adding them slowly to allow incorporation. Mix well with a propeller until homogeneous.
2. Pre-mix Part 1 and add to Part 2 slowly while mixing at high speed.







KFL-170-BR

# Charcoal + Scrub Face Mask

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
56.40	Deionized Water	Water	
20.00	Glicerina Bi-Destilada U.S.P.	Glycerin	Synth
0.60	Goma Xantana	Xanthan Gum	M Cassab
<b>Part 2</b>			
5.00	Tersil® CB	Kaolin	Terramater
2.50	<b>CHARCOAL POWDER</b>	Charcoal Powder	<b>Kobo Products</b>
<b>Part 3</b>			
5.00	<b>SunBoost ATB</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
2.00	Montanov™ 68	Cetearyl Alcohol (and) Cetearyl Glucoside	Seppic
1.50	Oliwax®	Hydrogenated Olive Oil, Olea Europaea (Olive) Fruit Oil, Olea Europaea (Olive) Oil Unsaponifiables	QuantiQ
<b>Part 4</b>			
5.00	<b>KoboScrub™ SD-200</b>	Silica	<b>Kobo Products</b>
<b>Part 5</b>			
1.00	<b>Cn-HAHWS</b>	Water (And) Pentylene Glycol (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Sodium Hyaluronate (And) Hydrogenated Lecithin	<b>Kobo Products</b>
<b>Part 6</b>			
1.00	Cosmoguard® SL CP	Phenoxyethanol (and) Ethylhexylglycerin	Cosmotec
<b>100.00</b>			

## Description:

This Mask features KoboScrub™ SD-200, a natural scrubbing bead, which imparts exfoliation to the skin and CHARCOAL POWDER, a natural and highly porous powder, which absorbs impurities from the skin. Skin moisturizing ingredients are Kobo's Glycosphere Cn-HAHWS, with encapsulated Sodium Hyaluronate, and SunBoost ATB which imparts excellent skin conditioning properties and emolliency, while soothing skin due to its Bisabolol and Vitamin E content.

## Manufacturing Procedure:

1. Combine Part 1 under propeller mixing.
2. Add Part 2, mix until homogeneous and heat to 75-80°C.
3. Combine Part 3 and heat to 75-80°C.
4. Add Part 3 to Parts 1 and 2 and mix until homogeneous.
5. Cool batch to 50°C and add Part 4. Mix until homogeneous.
6. Add Part 5 and mix until homogeneous.
7. Add Part 6 and mix until homogeneous.





KMU-034A

# Neutralizing Creamstick with KTZ® EXTRAFINE SUNGLOW

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
52.85	Jeechem CEO	Cetearyl 2-Ethylhexanoate	Jeen International
10.00	PM WAX 82	Polyethylene (And) Microcrystalline Wax	Toray/Kobo Products
8.00	HL7M5	Hydrogenated Polyisobutene (And) Silica	Kobo Products
2.00	Eutanol® G	Octyldodecanol	BASF
<b>Part 2</b>			
1.00	SW65U	Synthetic Wax (And) Titanium Dioxide (And) Isopropyl Titanium Triisostearate	Kobo Products
1.00	SW50EY	Synthetic Wax (And) Iron Oxides (CI 77492) (And) Isopropyl Titanium Triisostearate	Kobo Products
0.10	SW60ER	Synthetic Wax (And) Iron Oxides (CI 77491) (And) Isopropyl Titanium Triisostearate	Kobo Products
0.05	SW55EB	Synthetic Wax (And) Iron Oxides (CI 77499) (And) Isopropyl Titanium Triisostearate	Kobo Products
<b>Part 3</b>			
10.00	MSS-500W	Silica	Kobo Products
10.00	BPA-500	Polymethyl Methacrylate	Kobo Products
<b>Part 4</b>			
5.00	KTZ® EXTRAFINE SUNGLOW	Mica (And) Iron Oxides (CI 77491)	Kobo Products
100.00			

## Description:

This soft cream face foundation in stick form is good for emergency touch ups on the face. The formula features Kobo's SW dispersions which help to impart a skin-neutralizing, flawless, background color to the stick. HL7M5, a fumed silica gellant in Hydrogenated Polyisobutene, aids in emolliency. PM WAX 82 gives structure to the stick. The microspheres, MSS-500W and BPA-500, improve pay off and enhance skin feel. KTZ® EXTRAFINE SUNGLOW provides a soft, orange hue.

## Manufacturing Procedure:

1. Combine ingredients in Part 1 and heat to 85°C.
2. Add Part 2 to Part 1 and mix until color is uniform.
3. Slowly add Part 3 to main beaker.
4. Slowly add Part 4 and mix until uniform.
5. Pour into components at 85°C.





# KHP-025-BR Hair Color Paste

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
23.80	Deionized Water	Water	
3.00	Exilva FM 02-V	Water (And) Cellulose	Borregaard/Kobo Products
2.00	Glicerina Bi-Destilada U.S.P.	Glycerin	Synth
0.70	Cloreto de Sódio	Sodium Chloride	CAAL
<b>Part 2</b>			
10.00	KOBOGUARD® MQ65TMF	Trimethylsiloxysilicate (And) Methyl Trimethicone	Kobo Products
8.00	Bentone® Gel VS-5PC V HV	Cyclopentasiloxane (And) Disteardimonium Hectorite (And) Propylene Carbonate	Cosmotec
8.00	Belsil® CM 7026 VP	C26-28 Alkyl Methicone	Wacker
3.00	KSG-210	Dimethicone (and) Dimethicone/PEG-10/15 Crosspolymer	Shin-Etsu
3.00	KF-8018	Cyclopentasiloxane (and) Aminopropyl Dimethicone	Shin-Etsu
2.00	KF-6017	PEG-10 Dimethicone	Shin-Etsu
1.50	COSMOL™ 182V	Sorbitan Sesquiosostearate	Ikeda/Kobo Products
0.30	BLUE 1AL-ASG4	Blue 1 Lake (And) Stearoyl Glutamic Acid	Kobo Products
0.20	BTD-ASG2	Titanium Dioxide (And) Stearoyl Glutamic Acid	Kobo Products
<b>Part 3</b>			
20.00	Permethyl® 99A	Isododecane	Cosmotec
10.00	K-RAY® CYAN	Titanium Dioxide (And) Mica (And) Ferric Ammonium Ferrocyanide	Kobo Products
<b>Part 4</b>			
3.50	MST-E8	Vinyl Dimethicone/Methicone Silsesquioxane Crosspolymer	Kobo Products
1.00	Cosmoguard® SL CP	Phenoxyethanol (and) Ethylhexylglycerin	Cosmotec
100.00			

## Description:

This Hair Color Paste has a combination of BLUE 1AL-ASG4, BTD-ASG2 and K-RAY® CYAN to make the blue shade. ASG treated pigments are composed of an amino acid (INCI name: Stearoyl Glutamic Acid) that imparts hydrophobicity. Exilva FM 02-V is a natural, cellulose-based performance enhancer that helps with formula stability and allows significant reduction of combing force in hair. COSMOL™ 182V is a hydrophobic emulsifier that contributes to product stability. MST-E8 is a spherical elastomer that gives a pleasant sensorial experience upon application. KOBOGUARD® MQ65TMF is a water-insoluble resin that improves product wear.

## Manufacturing Procedure:

1. Combine Part 1 under propeller mixing and heat to 60-65°C.
2. Combine Part 2 and prop mix until complete dispersement of the pigments. Heat 70-75°C.
3. Cool Part 2 to 60-65°C, then add Part 3.
4. Add Part 1 to Parts 2 and 3 and mix until homogeneous.
5. Cool the emulsion to 45°C.
6. Slowly add Part 4 and mix until homogeneous.



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