

# FORMULARY

PCHI 2021

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KSL-392A

# 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>NHP55STS</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	Panalene® H-300E	Hydrogenated Polyisobutene	Vantage
1.00	Pelemol® GTB	Tribehenin	Phoenix Chemical
<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 5 subjects  
 UVA-PF: in vivo on 3 subjects  
 CW: FDA method

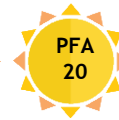


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KSL-406-BR

# Mineral Sunscreen



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
29.50	Deionized Water	Water	
1.50	Glicerina Bi-Destilada U.S.P.	Glycerin	Synth
0.50	Cloreto de Sódio	Sodium Chloride	CAAL
<b>Part 2</b>			
20.00	<b>INH73MZ</b>	Zinc Oxide (And) Isononyl Isononanoate (And) Polyglyceryl-6 Polyricinoleate (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
17.00	<b>PM1P70T7</b>	Titanium Dioxide (And) Isohexadecane (And) Alumina (And) Hydrogen Dimethicone (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
5.00	<b>COSMOL™ 525</b>	Neopentyl Glycol Diethylhexanoate	<b>Ikeda/Kobo Products</b>
4.00	KF-6038	Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone	Shin-Etsu
3.50	<b>T.I.O.</b>	Triethylhexanoin	<b>Ikeda/Kobo Products</b>
3.00	<b>COSMOL™ 182V</b>	Sorbitan Sesquiosostearate	<b>Ikeda/Kobo Products</b>
3.00	Bentone Gel® ISD V	Isododecane (And) Disteardimonium Hectorite (And) Propylene Carbonate	Cosmotec
2.50	<b>CXG-1104</b>	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	<b>Avantor/Kobo Products</b>
2.00	<b>SunBoost ATB</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
1.50	Tecwax Ozoquerita	Ozokerite	Cosmotec
1.50	<b>KOBOGUARD® MQ65TMF</b>	Trimethylsiloxysilicate (And) Methyl Trimethicone	<b>Kobo Products</b>
<b>Part 3</b>			
1.00	Cosmoguard® SL CP	Phenoxyethanol (and) Ethylhexylglycerin	Cosmotec
<b>Part 4</b>			
4.50	<b>MSS-500/3H</b>	Silica	<b>Kobo Products</b>
<b>100.00</b>			

## Description:

This Mineral Sunscreen has a creamy and non-oily after feel. The SPF and UVA-PF are due to sunscreen dispersions of Titanium Dioxide PM1P70T7, and Zinc Oxide INH73MZ, both attenuation grade, for a low whitening effect. SunBoost ATB contains a proprietary ratio of anti-oxidant, anti-irritant and anti-inflammatory agents to help boost SPF and PFA. KOBOGUARD® MQ65TMF is a resin that contributes to formula wear. COSMOL™ 182V helps improve formula stability. COSMOL™ 525, T.I.O and CXG-1104 elastomer are used to provide nice feel. MSS-500/3H imparts a matte effect.

## Manufacturing Procedure:

1. Combine Part 1 and heat to 80° C.
2. Combine Part 2 and heat to 80° C.
3. Add Part 1 slowly to Part 2 while mixing.
4. Cool to 50° C and add Part 3.
5. Cool to 25° C and add Part 4.

## Active Ingredient(s):

Titanium Dioxide	9.35%
Zinc Oxide	14.20%

## Testing:

SPF: in vivo on 3 subjects  
 UVA-PF: in vivo on 3 subjects

## Notes:

CW: 370nm; tested using ISO 24443:2012 methodology



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KSL-408

# Anhydrous Sunscreen Stick with JOSP55XZJ & JOP80MZCJ



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
28.60	Pelemol® CCT	Caprylic/Capric Triglyceride	Phoenix Chemicals
23.95	JOSP55XZJ	Zinc Oxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Polyhydroxystearic Acid (And) Jojoba Esters	Kobo Products
16.10	JOP80MZCJ	Zinc Oxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Polyhydroxystearic Acid (And) Jojoba Esters	Kobo Products
8.15	MSS-500/20N	Silica	Kobo Products
3.30	Plandool™-H	Phytosteryl/Isostearyl/Cetyl/Stearyl/Behenyl Dimer Dilinoleate	Nippon/Kobo Products
2.30	Plandool™-LG1	Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate	Nippon/Kobo Products
1.50	Lexgard® Natural	Glyceryl Caprylate (And) Glyceryl Undecylenate	Inolex
1.40	Plandool™-MAS	Phytosteryl Macadamiate	Nippon/Kobo Products
<b>Part 2</b>			
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
100.00			

## Description:

This Anhydrous Sunscreen Stick has a light creamy texture that goes on with minimal whitening. It features Kobo dispersions JOSP55XZJ and JOP80MZCJ which provide broad spectrum UVA/UVB protection. PLANDOOL™-LG1 and PLANDOOL™-H provide skin barrier moisture protection and water-proofing properties. PLANDOOL™-MAS adds moisturizing and barrier protection to the skin. MSS-500/20N offers a ball-bearing effect, an elegant silky texture, increased payoff and enhanced slip to promote better blendability on the skin.

## Manufacturing Procedure:

1. Combine Part 1 at 80°C. Homogenize until uniform. □
2. Add Part 2 to batch at 80°C. Prop mix until uniform. □
3. Pour into mold at @75°C.

## Active Ingredient(s):

Zinc Oxide 25.00%

## Testing:

SPF: in vivo on 5 subjects  
CW: FDA method



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KSL-469C-EU

# Silicone & Alumina-Free Perfecting Tint with OD Dispersions



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
20.00	SO60MZJ	Zinc Oxide (And) Helianthus Annuus (Sunflower) Seed Oil (And) Jojoba Esters	Kobo Products
13.00	GCP55TJ-E	Titanium Dioxide (And) Caprylic/Capric Triglyceride (And) Jojoba Esters (And) Polyhydroxystearic Acid (And) Stearic Acid	Kobo Products
11.70	Dub 810 C	Coco-Caprylate/Caprate	Stearinerie Dubois
3.00	Polyaqual VO4	Polyglyceryl-4 Oleate, Polyglyceryl-6 Oleate, Polyhydroxystearic Acid	Innovacos
3.00	SunBoost ATB	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
2.10	OD55YJE	Iron Oxides (CI 77492) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Kobo Products
0.30	OD75RJE	Iron Oxides (CI 77491) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Kobo Products
0.20	OD75BJE	Iron Oxides (CI 77499) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Kobo Products
<b>Part 2</b>			
38.00	Deinoized Water	Water	
4.00	Dub Diol	Methylpropanediol	Stearinerie Dubois
1.50	Mg Sulfate Hept	Magnesium Sulphate Heptahydrate	Fisher Scientific
0.70	SymDiol® 68	1,2-Hexanediol (And) Caprylyl Glycol	Schulke
0.50	Sensiva PA 40	Phenylpropanol (and) Propanediol (and) Caprylyl Glycol (and) Tocopherol	Schulke
<b>Part 3</b>			
1.00	MSS-500/N	Silica	Kobo Products
1.00	CELLULOBEADS D-10-NPC2	Cellulose (And) Hydrogenated Lecithin	Kobo Products
<b>100.00</b>			

## Description:

This is a cold process, easy-to-make, natural w/o emulsion with a skintone-evening benefit, providing high UV protection. GCP55TJ-E, a natural, non-nano dispersion of 35 nm PPS, alumina-free Tio2, gives a light opacifying effect. This dispersion is combined with SO60MZJ, a natural, non-nano dispersion of Zinc Oxide to provide broad spectrum protection. SunBoost ATB is used to boost the UV protection and provide skin protection benefits. The OD dispersions are used to achieve skin color. MSS-500/N and CELLULOBEADS D-10-NPC2 are added for slip, ball bearing effect and soft creamy feel respectively, jointly mimicking the sensory attributes of microplastic powders.

## Manufacturing Procedure:

1. Add Part 1 ingredients sequentially with mixing after each addition.
2. Prepare Part 2.
3. Add Part 2 to Part 1 under prop stirrer with mixing at 1000rpm.
4. After emulsification, homogenize for 3 minutes at 4000 rpm using round hole head.
5. Add Part 3 and mix until homogeneous

## Active Ingredient(s):

Zinc Oxide	11.40%
Titanium Dioxide	6.63%

## Testing:

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



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KCC-018

# Bouncy Cream Concealer with SW Dispersions

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
20.00	<b>CXG-1104</b>	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	<b>Avantor/Kobo Products</b>
17.40	<b>SW65U</b>	Synthetic Wax (And) Titanium Dioxide (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
10.00	Lexol® EHP	Ethylhexyl Palmitate	Inolex Chemical Company
10.00	ELEMENT14 PDMS 5-A	Dimethicone	Momentive
5.00	Versagel® MG 1600 T	Hydrogenated Poly(C6-14 Olefin) (and) Ethylene/Propylene/Styrene Copolymer (and) Butylene/Ethylene/Styrene Copolymer (and) Pentaerythrityl Tetra-di-t-butyl Hydroxyhydrocinnamate	Penreco
4.00	Velvesil 034	Caprylyl Methicone (And) C30-45 Alkyl Cetearyl Dimethicone Crosspolymer	Momentive
2.35	<b>SW50EY</b>	Synthetic Wax (And) Iron Oxides (CI 77492) (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
2.00	<b>SW5M5</b>	Synthetic Wax (And) Silica	<b>Kobo Products</b>
2.00	Squalane NF	Squalane	Barnet Products
2.00	Lameform TGI	Polyglyceryl-3 Diisostearate	Cognis
1.65	<b>SW60ER</b>	Synthetic Wax (And) Iron Oxides (CI 77491) (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
0.90	Germaben® II	Propylene Glycol (And) Diazolidinyl Urea (And) Methylparaben (And) Propylparaben	Chempoint
0.60	<b>SW55EB</b>	Synthetic Wax (And) Iron Oxides (CI 77499) (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
<b>Part 2</b>			
5.00	<b>PM WAX 82</b>	Polyethylene (And) Microcrystalline Wax	<b>Toray/Kobo Products</b>
3.50	NOMCORT® HK-G	Glyceryl Behenate/Eicosadioate	Ikeda Corporation
1.50	Softisan® 100	Hydrogenated Coco-Glycerides	IOI Oleo GmbH
<b>Part 3</b>			
6.00	<b>SPCAT-I2</b>	Talc (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
6.00	<b>CARESS® BN02</b>	Boron Nitride	<b>Bent Tree/Kobo Products</b>
0.10	S-6W-6	Simethicone	Shin-Etsu
<b>100.00</b>			

## Description:

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

## Manufacturing Procedure:

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



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KLF-253

# O/W Liquid ASG Foundation with KOBPEARL® PERPETUAL IO

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
10.00	Jeechem CTG	Caprylic/Capric Triglyceride	Jeen International
3.00	Dermofat 4919	Stearic Acid	Alzo International Inc.
1.50	Lipo® GMS-450	Glyceryl Stearate	Vantage
0.50	Lipocol® C	Cetyl Alcohol	Vantage
<b>Part 2</b>			
7.50	<b>BTD-ASG2</b>	Titanium Dioxide (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
1.00	<b>BYO-ASG3</b>	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.30	<b>BRO-ASG3</b>	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.20	Bentone® 38 V CG	Disteardimonium Hectorite	Essential Ingredients
0.20	<b>BBO-ASG3</b>	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
<b>Part 3</b>			
67.25	Deionized Water	Water	
5.00	Butylene Glycol	Butylene Glycol	Ruger Chemical
2.00	<b>KOBPEARL® PERPETUAL IO RoseGold</b>	Synthetic Fluorophlogopite (And) Iron Oxides (CI 77491) (And) Silica	<b>Kobo Products</b>
1.00	Triethanolamine 99	Triethanolamine	Dow Chemical
0.25	Keltrol® CG	Xanthan Gum	CP Kelco
0.20	Germall® 115	Imidazolidinyl Urea	ISP
0.10	Methyl Paraben NF	Methylparaben	International Sourcing
<b>100.00</b>			

## Description:

This water-based foundation contains pigments with ASG Amino Acid treatment that aid in pigment dispersion and provide a creamy feel to the formula. KOBPEARL® PERPETUAL IO RoseGold gives color travel effect, luster, and shine.

## Manufacturing Procedure:

1. Combine Part 1 ingredients and mix well.
2. Blend Part 2 well, until color is fully developed.
3. Add Part 2 to Part 1. Mix well.
4. Heat Parts 1 and 2 together to 80°C.
5. Premix Xanthan Gum and Butylene Glycol and add to water. Add the remaining ingredients in Part 3 to the water. Heat Part 3 to 80°C.
6. Slowly add Parts 1 and 2 to Part 3 under homogenization. Homogenize 10 minutes after emulsification.
7. Move batch back to propeller and cool down to 45°C while mixing.



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KLF-260

# W/Si Weightless Liquid Foundation with GWC-051H

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
21.30	ELEMENT14 PDMS 5-A	Dimethicone	Momentive
8.90	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
6.70	FADM65UTB	Titanium Dioxide (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Tocopheryl Acetate	Kobo Products
4.40	X-22-6711D	Dimethicone (And) PEG/PPG-18/18 Dimethicone	Shin-Etsu
3.25	TNP65MZS	Zinc Oxide (And) C12-15 Alkyl Benzoate (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane	Kobo Products
1.80	BN30-I2	Boron Nitride (And) Isopropyl Titanium Triisostearate	Kobo Products
1.80	CPF-3300@10cSt	Phenyl Trimethicone	Avantor/Kobo Products
1.80	Abil® EM 90	Cetyl PEG/PPG-10/1 Dimethicone	Evonik
1.20	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
0.35	SF1188A	PEG/PPG-20/15 Dimethicone	Momentive
0.20	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	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
0.10	Propyl Paraben NF	Propylparaben	International Sourcing
<b>Part 2</b>			
23.35	Deionized Water	Water	
0.90	Magnesium Sulfate	Magnesium Sulfate	Fisher Scientific
0.65	Sodium Chloride	Sodium Chloride	Morton Salt
0.10	Methyl Paraben NF	Methylparaben	International Sourcing
<b>Part 3</b>			
7.10	Glycerin U.S.P. Natural 96%	Glycerin	Univar USA Inc.
0.15	Keltrol® CG	Xanthan Gum	CP Kelco
<b>Part 4</b>			
1.80	SP-10	Nylon-12	Toray/Kobo Products
1.35	BPD-500W	HDI/Trimethylol Hexyllactone Crosspolymer (And) Silica	Kobo Products
0.90	SR1000	Trimethylsiloxy silicate	Momentive
0.90	MSS-500/N	Silica	Kobo Products
0.90	MSS-500W	Silica	Kobo Products
<b>Part 5</b>			
10.00	GWC-051H	Vinyl Dimethicone/Methicone Silsesquioxane Crosspolymer	GuideWin/Kobo Products
100.00			

## Description:

This creamy weightless foundation features 10% GWC-051H - spherical elastomer powder (Vinyl Dimethicone/Methicone Silsesquioxane Crosspolymer). This material provides soft focus effect and luxurious, creamy, weightless texture. Kobo's attenuation grade TiO2 Dispersion, TNP50T7-ATB and attenuation grade ZnO Dispersion, TNP65MZS help to reduce the influence of damaging UVA/UVB rays. FADM/TTB Pigmentary Dispersions made with versatile TTB treated pigments, provide shade and coverage. An optimized blend of Kobo Microspheres - MSS-500W, MSS-500/N, SP-10 and BPD-500W provides excellent spreadability, a fresh, dewy look and shine control on the face throughout wear. BN30-I2, surface-treated Boron Nitride contributes to superior softness and excellent adherence to skin. Phenyl Trimethicone CPF-3300@10cSt provides a fresh end look.

## Manufacturing Procedure:

1. Combine Part 1 under homogenizer until fully dispersed. Keep temperature under control, do not exceed 70°C.
2. Combine Part 2 under prop mix until homogeneous
3. Slowly add Part 3 (make a slurry first) to batch until homogeneous.
4. Slowly add water Phase, Parts 2 and 3, into Part 1 while homogenizing.
5. Slowly sprinkle Part 4 into batch and mix together until homogeneous.
6. Slowly sprinkle Part 5 into batch and mix until homogeneous.

## Active Ingredient(s):

Zinc Oxide	2.01%
Titanium Dioxide	4.14%



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KLF-267

# Anhydrous Cream Foundation

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
18.30	<b>MICA S-25-11SP</b>	Mica (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
12.16	<b>BTD-11SP</b>	Titanium Dioxide (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
9.00	<b>TALC N-11SP</b>	Talc (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
1.63	<b>BWYO-11SP (C33-9001)</b>	Iron Oxides (CI 77492) (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
0.56	<b>BWRO-11SP (C33-8001)</b>	Iron Oxides (CI 77491) (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
0.06	<b>BWBO-11SP (C33-7001)</b>	Iron Oxides (CI 77499) (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
<b>Part 2</b>			
20.27	Liponate® EHP	Ethylhexyl Palmitate	Vantage
12.40	Xiameter® PMX-200 Silicone Fluid 50 CS	Dimethicone	Dow Coming
7.32	Versagel ME 750	Hydrogenated Polyisobutene (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer	Penreco
7.04	<b>CXG-1104</b>	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	<b>Avantor/Kobo Products</b>
4.50	Lipomulse® Luxe	Cetearyl Alcohol (and) Glyceryl Stearate (and) PEG-40 Stearate (and) Ceteareth - 20	Vantage
3.38	<b>KOBOGUARD® MQ60DM</b>	Trimethylsiloxysilicate (And) Dimethicone	<b>Kobo Products</b>
2.25	Softisan® 100	Hydrogenated Coco-Glycerides	Condea Chemie
1.13	SF1642	C30-45 Alkyl Dimethicone	Momentive
<b>100.00</b>			

## Description:

This creamy, light-feeling, anhydrous foundation is made for flawless coverage and radiance in one effortless application. The complex of 11SP treated MICA S-25-11SP, TALC N-11SP and silicone elastomer CXG-1104 provides a soft powdery effect during application with transformation to a true velvet finish once it is spread on the skin. Kobo's 11SP treated pigments (BTD-11SP, BWYO-11SP, BWRO-11SP, BWBO-11SP) impart medium coverage, soft texture and affinity to skin. KOBOGUARD® MQ60DM is used to improve the wear of the foundation.

## Manufacturing Procedure:

1. Micronize Part 1 until the color is fully developed. ▢
2. Heat Part 2 with stirring to 90°C. ▢
3. Continue to stir and maintain temperature for 30 minutes. ▢
4. Add Part 1 to Part 2 and mix until homogeneous. ▢
5. Cool down with side sweep to 25°C.



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KLF-269

# W/O Foundation with TTB Treatment For All Skin Types

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
20.85	TMF-1.5	Methyl Trimethicone	Shin-Etsu
4.50	Dowsil ES-5227 DM Formulation Aid	Dimethicone (And) PEG/PPG-18/18 Dimethicone	Dow Chemical
2.15	<b>KOBOGUARD® MQ65TMF</b>	Trimethylsiloxyethyl (And) Methyl Trimethicone	<b>Kobo Products</b>
2.15	Lexol® PG 865	Propylene Glycol Dicaprylate/Dicaprate	Inolex Chemical Company
2.05	KF-6028	PEG-9 Polydimethylsiloxyethyl Dimethicone	Shin-Etsu
0.85	KF-6017	PEG-10 Dimethicone	Shin-Etsu
<b>Part 2</b>			
9.15	<b>RBTD-TTB2</b>	Titanium Dioxide (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone	<b>Kobo Products</b>
1.50	<b>BGYO-TTB2</b>	Iron Oxides (CI 77492) (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone	<b>Kobo Products</b>
0.80	<b>BGRO-TTB2</b>	Iron Oxides (CI 77491) (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone	<b>Kobo Products</b>
0.10	<b>BGBO-TTB2</b>	Iron Oxides (CI 77499) (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
<b>Part 3</b>			
1.75	COSMOL™ 43V	Polyglyceryl-2 Triisostearate	Ikeda
0.90	BENTONE® 38 V CG	Disteardimonium Hectorite	Essential Ingredients
<b>Part 4</b>			
0.90	ETHYL ALCOHOL E1028	Ethyl Alcohol	PCI Scientific Supply Company
<b>Part 5</b>			
34.60	Deionized Water	Water	
1.75	Butylene Glycol	Butylene Glycol	Pride Solvents & Chemicals Co. of NJ, Inc.
1.10	Glycerin U.S.P. Natural 96%	Glycerin	Univar USA Inc.
0.90	Sodium Chloride	Sodium Chloride	Morton Salt
0.45	Liposorb® L-20	Polysorbate 20	Vantage
0.45	Jeecide CAP-5	Phenoxyethanol (And) Caprylyl Glycol (And) Potassium Sorbate (And) Water (And) Hexylene Glycol	Jeen International
<b>Part 6</b>			
8.70	<b>CXG-1104</b>	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	<b>Avantor/Kobo Products</b>
3.50	<b>MSS-500/3N</b>	Silica	<b>Kobo Products</b>
0.90	<b>DSPCS/20N-I2</b>	Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
100.00			

## Description:

This full coverage foundation for all skin types is ideal for absorbing oil and blurring imperfections on the face. It provides a velvet-like texture that applies smoothly to the skin. KOBOGUARD® MQ65TMF enhances adhesion, improves water and rub resistance, and helps to suspend pigments. TTB Treated Pigments are super-dispersible at high concentration in the oil phase due to the hybrid treatment. CXG-1104 is an elastomer gel that offers a silky after feel and matte effect. DSPCS/20N-12 helps create a lightweight, velvety feel while MSS-500/3N offers a ball bearing effect, an elegant silky texture, increased payoff and enhanced slip with better blendability on the skin.

## Manufacturing Procedure:

1. Homogenize Part 1 until uniform. □
2. Micropulverize Part 2 until color is fully developed. □
3. Combine Parts 1 and 2 with high sheer prop mix. □
4. Add Parts 3 and 4 respectively until uniform. □
5. Combine Part 5. Prop mix until uniform. □
6. Slowly add Part 5 under homomizer to batch until homogeneous. □
7. Add Part 6 while homogenizing until uniform.



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KLF-310

# Control for Clean Liquid Foundation

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
8.00	Dermol 1818	Isostearyl Isostearate	Alzo
5.00	Myritol® 331	Cocoglycerides	BASF
3.50	ISOLAN® GPS	Polyglyceryl-4 Diisostearate/Polyhydroxystearate/Sebacate	Evonik
2.50	COSMOL™ 43V	Polyglyceryl-2 Triisostearate	Ikeda
2.00	Lipocire™ A SG	C10-18 Triglycerides	Gattefosse
1.50	<b>Plandool™-MAS</b>	Phytosteryl Macadamiate	<b>Nippon/Kobo Products</b>
1.00	CARNAUBA WAX SP 63P	Copernicia Cerifera (Carnauba) Wax	Strahl & Pitch
<b>Part 2</b>			
10.83	<b>BTD-ASGP3</b>	Titanium Dioxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
1.44	<b>BWYO-ASGP3</b>	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
0.43	<b>BWRO-ASGP3</b>	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
0.30	<b>BWBO-ASGP3</b>	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
<b>Part 3</b>			
7.00	VegeLight 1214 LC	Coconut Alkanes (And) Coco-Caprylate/Caprate	Grant Industries
<b>Part 4</b>			
48.50	Deionized Water	Water	
2.00	GLYCERIN U.S.P. F.C.C. 96%	Glycerin	Ruger Chemical
0.70	Sodium Chloride	Sodium Chloride	Morton Salt
<b>Part 5</b>			
0.30	AE Preserve® PCG	Phenethylalcohol (And) Caprylhydroxamic Acid (And) Glycerin	AE Chemie
<b>Part 6</b>			
2.50	<b>SP-10</b>	Nylon-12	<b>Kobo Products</b>
2.50	<b>SP-500</b>	Nylon-12	<b>Kobo Products</b>
100.00			

## Description:

This formula acts as a control to KLF-310A. This foundation leaves the skin feeling soft, while providing even coverage and a slightly dewy finish. The coverage and shade of this foundation is due to the ASGP treated pigments. They disperse easily into the formula and promote better wear properties due to the ASGP treated pigments' adhesion to skin. Plandool™-MAS adds moisturizing and barrier protection to the skin. SP-10 and SP-500 are Nylon-12 microspheres that provide a velvety texture and soft focus effect. See KLF-310A for a Nylon-12 substitution.

## Manufacturing Procedure:

1. Combine Part 1 and heat to 80°C while propeller mixing.
2. Cool to below 70°C and add Part 2 to Part 1 under homogenization.
3. Add Part 3 to batch under homogenization.
4. Premix Part 4 and add to batch under homogenization, followed by Parts 5 and 6.







KLF-310A

# Clean Liquid Foundation

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
8.00	Dermol 1818	Isostearyl Isostearate	Alzo
5.00	Myritol® 331	Cocoglycerides	BASF
3.50	ISOLAN® GPS	Polyglyceryl-4 Diisostearate/Polyhydroxystearate/Sebacate	Evonik
2.50	COSMOL™ 43V	Polyglyceryl-2 Triisostearate	Ikeda
2.00	Lipocire™ A SG	C10-18 Triglycerides	Gattefosse
1.50	<b>Plandool™-MAS</b>	Phytosteryl Macadamiate	<b>Nippon/Kobo Products</b>
1.00	CARNAUBA WAX SP 63P	Copernicia Cerifera (Carnauba) Wax	Strahl & Pitch
<b>Part 2</b>			
10.83	<b>BTD-ASGP3</b>	Titanium Dioxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
1.44	<b>BWYO-ASGP3</b>	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
0.43	<b>BWRO-ASGP3</b>	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
0.30	<b>BWBO-ASGP3</b>	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
<b>Part 3</b>			
7.00	VegeLight 1214 LC	Coconut Alkanes (And) Coco-Caprylate/Caprates	Grant Industries
<b>Part 4</b>			
50.50	Deionized Water	Water	
2.00	GLYCERIN U.S.P. F.C.C. 96%	Glycerin	Ruger Chemical
0.70	Sodium Chloride	Sodium Chloride	Morton Salt
<b>Part 5</b>			
0.30	AE Preserve® PCG	Phenethylalcohol (And) Caprylhydroxamic Acid (And) Glycerin	AE Chemie
<b>Part 6</b>			
3.00	<b>ASO-NJE2</b>	Aluminum Starch Octenylsuccinate (And) Jojoba Esters	<b>Kobo Products</b>
<b>100.00</b>			

## Description:

This clean foundation leaves the skin feeling soft, while providing even coverage and a slightly dewy finish. The coverage and shade of this foundation is due to the ASGP treated pigments. They disperse easily into the formula and promote better wear properties due to the ASGP treated pigments' adhesion to skin. Plandool™-MAS adds moisturizing and barrier protection to the skin. ASO-NJE2 offers a uniform application and creamy after feel. In this formula, it is being used as a substitute for Nylon-12.

## Manufacturing Procedure:

1. Combine Part 1 and heat to 80°C while propeller mixing.
2. Cool to below 70°C and add Part 2 to Part 1 under homogenization.
3. Add Part 3 to batch under homogenization.
4. Premix Part 4 and add to batch under homogenization, followed by Parts 5 and 6.







KFL-181G

# Daily Facial Correcting Cream with HEV/Blue Light Protection

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
62.30	Deionized Water	Water	
0.55	Natrosol™ Plus 330CS	Cetyl Hydroxyethylcellulose	Ashland
<b>Part 2</b>			
3.00	Butylene Glycol	Butylene Glycol	Ruger Chemical
1.00	Glycerin U.S.P. F.C.C. 96%	Glycerin	Ruger Chemical
0.30	D-Panthenol	Panthenol	BASF
0.15	ALLANTOIN	Allantoin	RITA
0.15	Dermofeel® PA-3	Sodium Phytate	Dr. Straetmans/Evonik
0.05	Trisodium Citrate Dihydrate	Sodium Citrate	Jungbunzlauer
<b>Part 3</b>			
0.30	Lecinol S-10	Hydrogenated Lecithin	Barnet
<b>Part 4</b>			
8.60	<b>TNP45TELR</b>	Titanium Dioxide (And) C12-15 Alkyl Benzoate (And) Stearic Acid (And) Silica (And) Alumina (And) Polyhydroxystearic Acid (And) Iron Oxides (CI 77491)	<b>Kobo Products</b>
3.50	<b>SunBoost ATB</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
2.00	Dermol 25B	C12-15 Alkyl Benzoate	Alzo Chemical
0.50	Lipocol® C	Cetyl Alcohol	Vantage
0.50	Lanette® 22	Behenyl Alcohol	BASF
0.40	Tegin® M Pellets	Glyceryl Stearate	Evonik
0.10	Plurol Diisostearique CG	Polyglyceryl-3 Diisostearate	Gattefosse
<b>Part 5</b>			
4.75	Silwax® D02	Ethyl Methicone	Siltech LLC
1.50	<b>MSS-500W</b>	Silica	<b>Kobo Products</b>
1.50	TMF-1.5	Methyl Trimethicone	Shin-Etsu
<b>Part 6</b>			
4.00	<b>CSG-1001</b>	Water (And) Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer (And) Dimethiconol (And) Butylene Glycol (And) Carbomer (And) Phenoxyethanol (And) Sodium Hydroxide	<b>Avantor/Kobo Products</b>
0.30	<b>SILICA SHELLS</b>	Silica	<b>Kobo Products</b>
<b>Part 7</b>			
1.70	Jeechem 400	PEG-8	Jeen International
1.00	AE Preserve® PCG	Phenethylalcohol (And) Caprylhydroxamic Acid (And) Glycerin	AE Chemie
0.25	<b>Gs-PCOGS</b>	Water (And) Pentylene Glycol (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Vitis Vinifera (Grape) Seed Extract (And) Hydrogenated Lecithin	<b>Kobo Products</b>
<b>Part 8</b>			
1.50	Simulgel® INS-100	Hydroxyethyl Acrylate / Sodium Acryloyldimethyl Taurate Copolymer (And) Isohexadecane (And) Polysorbate 60	Seppic Inc.
0.10	CE-181459 Foundation Essence Powdery	Fragrance	Custom Essence
<b>100.00</b>			

## Description:

This Facial Correcting Cream is a tinted (BB) cream that spreads easily, leaving skin moisturized with minimal whitening. TNP45TELR provides HEV/Blue Light protection with a slight tint to minimize skin whitening. SunBoost ATB provides skin soothing properties. The combination of MSS-500W and CSG-1001 gives the product a smooth application and nice after feel. SILICA SHELLS provides oil control properties. Gs-PCOGS provides the anti-aging properties of Grapeseed PCOs (procyanidolic oligomers).

## Manufacturing Procedure:

1. In the main vessel, sprinkle Natrosol™ Plus into the deionized water (Part 1) with fast speed propeller mixing. While mixing, add Part 2 ingredients, one at a time, while heating to 75-80°C.
2. When Parts 1 and 2 reach 75-80°C, mix for 15 to 20 minutes. Then cool to 60-65°C. At 60-65°C, sprinkle Part 3 into Parts 1 and 2. Fast speed propeller mix for 15 minutes.
3. Heat Part 4 to 75-80°C with moderate stirring. Mix well until all ingredients are dissolved and phase is uniform.
4. Pre-mix Part 5 with fast speed propeller mixing. Mix well until the phase is completely smooth and uniform.
5. Mix Part 5 into Part 4 while maintaining temperature at 75°C.
6. Add Parts 4 and 5 to Parts 1, 2 and 3 with slow to moderate speed homogenization. Begin to ambient cool batch.
7. When batch is uniform, add Part 6, one at a time, with slow homogenization. Mix until uniform. Transfer batch to a fast sweep or moderate speed propeller.
8. When temperature of batch reaches 45°C, add premixed Part 7.
9. Transfer batch back to the homogenizer and add pre-mixed Part 8 to batch.
10. Sweep batch to 35-40°C



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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-I2</b>	Aluminum Starch Octenylsuccinate (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
1.00	Symdiol® 68	1,2-Hexanediol (And) Caprylyl Glycol	Symrise
100.00			

## Description:

This tinted sunscreen has a gel-like texture and provides UVA/UVB and IR Protection. It 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-I2 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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KSL-379

# 4 in 1 Multi-Purpose Sunscreen Cream



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
55.80	Deionized Water	Water	
<b>Part 2</b>			
2.90	Zemea®	Propanediol	Du Pont & Tate
0.50	Veegum® HV	Magnesium Aluminum Silicate	R.T. Vanderbilt
0.10	Keltrol® CG	Xanthan Gum	CP Kelco
<b>Part 3</b>			
23.00	<b>OMQP50XZ4</b>	Zinc Oxide (And) Octyldodecyl Myristate (And) Polyhydroxystearic Acid (And) Methicone	<b>Kobo Products</b>
3.90	Protachem™ CTG	Caprylic/Capric Triglyceride	Protameen
3.20	Protachem™ ISP	Isostearyl Palmitate	Protameen Chemicals
<b>Part 4</b>			
0.70	<b>KTZ® FINE WHITE</b>	Mica (And) Titanium Dioxide	<b>Kobo Products</b>
0.50	<b>GCG50TYSG</b>	Iron Oxides (CI 77492) (And) Caprylic/Capric Triglyceride (And) Polyglyceryl-3 Diisostearate (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.15	<b>GCG50TRSG</b>	Iron Oxides (CI 77491) (And) Caprylic/Capric Triglyceride (And) Polyglyceryl-3 Diisostearate (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.05	<b>KTZ® EBONY</b>	Iron Oxides (CI 77499) (And) Mica	<b>Kobo Products</b>
<b>Part 5</b>			
3.30	Lipomulse® Luxe	Cetearyl Alcohol (and) Glyceryl Stearate (and) PEG-40 Stearate (and) Cetareth - 20	Vantage
<b>Part 6</b>			
1.00	Xiameter® PMX-200 Silicone Fluid 5CS	Dimethicone	Dow Corning
<b>Part 7</b>			
4.00	Simulgel™ EG	Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Isohexadecane (And) Polysorbate 80	SEPPIC
0.90	SymDiol® 68	1,2-Hexanediol (And) Caprylyl Glycol	Symrise
<b>100.00</b>			

## 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 pearlized 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.

## Manufacturing Procedure:

1. Begin prop mixing Part 1 into a vortex then add Part 2. Blend - mix until homogeneous - Heat to 80°C.
2. Using a High shear blade combine Parts 3 and 4 until uniform.
3. Add Part 5 to oil phase to (Parts 3 and 4) - heat to 80°C, mix until homogeneous.
4. Add Part 6 to oil phase (Parts 3, 4 and 5).
5. Slowly add oil phase (Parts 3, 4, 5 and 6) to water phase (Parts 1 and 2), continue mixing until homogeneous.
6. Slowly add Part 7 to batch while cooling at 45°C.
7. Pour at 45°C into storage jars.

## Active Ingredient(s):

Zinc Oxide 11.04%

## Testing:

SPF: in vivo on 5 subjects  
CW: FDA method



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KBL-027A-BR

# Liquid Blush/Lipstick

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
15.00	CPF-3300@10cSt	Phenyl Trimethicone	Avantor/Kobo Products
12.13	T.I.O.	Triethylhexanoin	Ikeda/Kobo Products
5.00	CXG-1101	Cyclopentasiloxane (And) Dimethicone/Vinyl Dimethicone Crosspolymer	Avantor/Kobo Products
5.00	Belsil® CM 7026 VP	C26 - 28 Alkyl Methicone	Wacker
5.00	KOBOGUARD® MQ65TMF	Trimethylsiloxysilicate (And) Methyl Trimethicone	Kobo Products
4.00	Bentone Gel® VS-5 PC V	Cyclopentasiloxane (and) Distearidimonium Hectorite (and) Propylene Carbonate	Cosmotec
3.00	SALACOS® WO-6	Dipentaerythrityl Tri-Polyhydroxystearate	Ikeda/Kobo Products
3.00	SALACOS® 5418V	Pentaerythrityl Tetraistostearate	Ikeda/Kobo Products
3.00	PM WAX 82	Polyethylene (And) Microcrystalline Wax	Kobo Products
2.00	CSF-3504	Dimethicone (And) Dimethiconol	Avantor/Kobo Products
1.00	NOMCORT® HK-G	Glyceryl Behenate/Eicosadioate	Ikeda/Kobo Products
<b>Part 2</b>			
5.70	INBP70U	Titanium Dioxide (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid	Kobo Products
2.67	INBP75ER	Iron Oxides (CI 77491) (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate	Kobo Products
1.50	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
<b>Part 3</b>			
19.00	KF-995	Cyclopentasiloxane	Shin-Etsu
<b>Part 4</b>			
8.00	CARESS® BN12	Boron Nitride	Bent Tree/Kobo Products
5.00	MSS-500W	Silica	Kobo Products
100.00			

## Description:

This 2-in-1 formula, suitable for lip and cheek application, provides a cushiony-soft texture and semi-matte finish. It features a combination of Ikeda's esters (T.I.O., SALACOS® 5418V, SALACOS® WO-6) and Avantor's silicones (CPF-3300@10cSt, CXG-1101 and CSF-3504) ranging from low to high viscosity. This combination imparts spreadability and comfort upon application. INBP are pigmentary dispersions in Isononyl Isononoate that provide a fully developed wide range of colors. PM WAX 82, a combination of waxes, helps with the structure of the formulation in association with NOMCORT® HK-G, an oil phase gellant, that also helps to improve formula stability. For adhesion and substantivity of the formula to the skin, film former KOBOGUARD® MQ65TMF is used. Boron Nitride, CARESS® BN12 has a translucent appearance and provides a very soft and silky touch to the lips and cheeks. MSS-500W gives slip during application and soft focus.

## Manufacturing Procedure:

1. Combine Part 1 and heat to 80-85°C.
2. Add Part 2 and mix until homogeneous.
3. Cool to 60°C and add Part 3.
4. Add Part 4 and cool to 25°C under stirring.



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# Powder-to-Cream Foundation

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
51.00	<b>GMS-FS</b>	Mica (And) Perfluorohexylethyl Triethoxysilane	<b>Kobo Products</b>
10.00	<b>CARESS® BN15</b>	Boron Nitride	<b>Bent Tree/Kobo Products</b>
5.26	<b>BTD-FS</b>	Titanium Dioxide (And) Perfluorohexylethyl Triethoxysilane	<b>Kobo Products</b>
4.00	<b>SP-10-FS</b>	Nylon-12 (And) Perfluorohexylethyl Triethoxysilane	<b>Kobo Products</b>
2.00	<b>MSS-500W</b>	Silica	<b>Kobo Products</b>
1.04	<b>BWYO-FS</b>	Iron Oxides (CI 77492) (And) Perfluorohexylethyl Triethoxysilane	<b>Kobo Products</b>
0.49	<b>BWRO-FS</b>	Iron Oxides (CI 77491) (And) Perfluorohexylethyl Triethoxysilane	<b>Kobo Products</b>
0.21	<b>BWBO-FS</b>	Iron Oxides (CI 77499) (And) Perfluorohexylethyl Triethoxysilane	<b>Kobo Products</b>
<b>Part 2</b>			
1.00	<b>Cosmoguard® SL CP</b>	Phenoxyethanol (and) Ethylhexylglycerin	<b>Cosmotec</b>
<b>Part 3</b>			
10.00	<b>SALACOS® 99</b>	Isononyl Isononanoate	<b>Ikeda/Kobo Products</b>
2.50	<b>CSF-3504</b>	Dimethicone (And) Dimethiconol	<b>Avantor/Kobo Products</b>
0.63	<b>KF-6017</b>	PEG-10 Dimethicone	<b>Shin-Etsu</b>
0.50	<b>KOBOGUARD® HRPC</b>	Hydrogenated Polycyclopentadiene (And) Polyethylene (And) Copernicia Cerifera (Carnauba) Wax (And) Tocopherol	<b>Kobo Products</b>
<b>Part 4</b>			
11.38	<b>Deionized Water</b>	Water	
<b>100.00</b>			

## Description:

This Powder-to-Cream Foundation has low coverage and provides a fresh and natural look. It features Kobo's Perfluorohexylethyl Triethoxysilane Surface Treatment. The FS-Treated Pigments, Filler (GMS-FS) and Microsphere (SP-10-FS) show both water and oil repellency, which contributes to adherence and long wear. Nylon-12 microsphere SP-10-FS imparts soft focus and a creamy feel. Silica microsphere MSS-500W, a wide distribution particle size spherical silica, is added to improve spreadability, slip and silkiness of the formula. Boron Nitride, CARESS® BN15 has a translucent appearance and provides very soft and silky touch to the formula. SALACOS® 99, lightweight ester and CSF-3504, gum blend that improves feel, both act as liquid binder and provide the transforming powder-to-cream feel. KOBOGUARD® HRPC adds adhesion to skin.

## Manufacturing Procedure:

1. Combine Part 1 and blend well.
2. Add Part 2 to Part 1 and mix well until fully dispersed.
3. Combine Part 3 and heat to 75-80°C.
4. Heat Part 4 to 75-80°C.
5. Add Part 4 to Part 3 slowly and under stirring.
6. Cool to 25-30°C.
7. Add the emulsion (Parts 3 and 4) to Parts 1 and 2, drop by drop, and mix well until fully dispersed.





KPP-104A

# Creamy Pressed Powder with KoboBlur™ 100 Natural

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
70.48	<b>GMS-ASG3</b>	Mica (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
10.00	<b>KoboBlur™ 100 Natural</b>	Silica (And) Cellulose (And) Mica (And) Barium Sulfate (And) Titanium Dioxide (And) Jojoba Esters	<b>Kobo Products</b>
7.00	<b>BTD-ASG2</b>	Titanium Dioxide (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
2.20	<b>ZINC MYRISTATE</b>	Zinc Myristate	<b>Kobo Products</b>
1.00	<b>BYO-ASG3</b>	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.86	<b>BRO-ASG3</b>	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.46	<b>BBO-ASG3</b>	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
<b>Part 2</b>			
2.50	Lexol® PG-865	Propylene Glycol Dicaprylate/Dicaprate	Inolex Chemical Company
2.50	Xiameter® PMX-200 Silicone Fluid 20CS	Dimethicone	Dow Corning
2.00	Xiameter® PMX-200 Silicone Fluid 350 CS	Dimethicone	Dow Corning
1.00	SS4267	Dimethicone (And) Trimethylsiloxysilicate	Momentive
<b>100.00</b>			

## Description:

This pressed powder applies smoothly as a result of Kobo's ASG treated materials to provide a soft, velvet-like feel in combination with KoboBlur™ 100 Natural to enhance product payoff. KoboBlur™ 100 Natural gives a soft powdery after feel with soft focus effect. Powder compressibility is addressed with dry binder, ZINC MYRISTATE.

## Manufacturing Procedure:

1. Micropulverize Part 1 until color is fully developed.
2. Add Part 2 to Part 1.
3. Blend well.
4. Press at 700 psi.



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KPP-118

# Diamond All-Over Veil

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
14.00	COSMOL™ 222	Diisostearyl Malate	Ikeda
14.00	CPF-3300@10cSt	Phenyl Trimethicone	Avantor/Kobo Products
4.00	CXG-1104	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	Avantor/Kobo Products
1.00	Permethyl® 104A	Polyisobutene	Presperse
<b>Part 2</b>			
39.00	Diasphere® KS-1000	Polymethylsilsesquioxane	Kobo Products
<b>Part 3</b>			
10.00	KTZ® SUPERB SILVER-11S2	Mica (And) Titanium Dioxide (And) Triethoxycaprylylsilane	Kobo Products
<b>Part 4</b>			
18.00	KTZ® G QUARTZ	Calcium Sodium Borosilicate (And) Titanium Dioxide	Kobo Products
100.00			

## Description:

The product is a one-of-a-kind soft pressed powder with an enlarged liquid binder phase for all-over face and body brightening and illumination. CPF-3300@10cSt is a low viscosity phenyl trimethicone that improves spreadability with a light skin feel. CXG-1104 is a silicone elastomer that provides a silky, powdery after feel. Diasphere® KS-1000 gives slip, pickup and a light skin feel. The combination of KTZ® SUPERB SILVER-11S2 and KTZ® G QUARTZ provides a silver chrome effect to the formula.

## Manufacturing Procedure:

1. Homogenize Part 1.
2. Add Part 2 under prop.mix.
3. Add Part 3 under prop.mix.
4. Add Part 4 under prop.mix.
5. Sift the bulk.
6. Pressed at 100 psi using 2 pieces of ribbons (12-13g of bulk per sample).





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>BYO-NJE3</b>	Iron Oxides (CI 77492) (And) Jojoba Esters	<b>Kobo Products</b>
4.00	<b>MAGNESIUM MYRISTATE</b>	Magnesium Myristate	<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>
<b>100.00</b>			

## 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.







KEL-027B

# Shamrock Gel Eyeliner Pot

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
20.20	Permethyl® 99A	Isododecane	Presperse
16.30	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
13.50	PMLVP65Y	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	Kobo Products
10.00	PM WAX 82	Polyethylene (And) Microcrystalline Wax	Toray/Kobo Products
7.20	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
5.00	Protachem™ CTG	Caprylic/Capric Triglyceride	Protameen
2.00	Ozokerite Wax White SP 1020P	Ozokerite	Strahl & Pitsch
1.00	Eutanol® G	Octyldodecanol	BASF
<b>Part 2</b>			
20.00	KOBOGUARD® 5400 IDD	Hydrogenated Polycyclopentadiene (And) Isododecane	Kobo Products
<b>Part 3</b>			
2.00	DSPCS/3H-I2	Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate	Kobo Products
2.00	MSS-500/3H	Silica	Kobo Products
<b>Part 4</b>			
0.80	Phenoxetol®	Phenoxyethanol	Clariant
100.00			

## Description:

This green gel eyeliner glides smoothly and quickly dries to a matte finish that is long lasting and smudge proof. PMLVP Pigmentary dispersions provide the green shade. PM WAX 82 gives structure to the eyeliner. KOBOGUARD® 5400 IDD contributes to the long wear and smudge proof properties of the formula. A combination of microspheres, DSPCS/3H-I2 and MSS-500/3H, help improve payoff and provide a smooth application.

## Manufacturing Procedure:

1. Combine Part 1 and heat to 85°C while propeller mixing until waxes are fully melted. Keep batch tightly covered.
2. Add Part 2 to Part 1 while prop mixing until homogeneous.
3. Slowly add Part 3 to main beaker followed by Part 4. Once uniform, lower mixing speed.
4. Pour into glass jar components at 80°C.

## Notes:

This formula is best applied with an angled eyeliner brush.



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KEY-079A

# Water Jelly Eyeshadow

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
50.80	Deionized Water	Water	
5.00	Butylene Glycol	Butylene Glycol	Ruger Chemical
5.00	NET-WRS	Sorbeth-30 Tetraistearate (and) Sorbitan Sesquiosostearate (and) PPG-8 Ceteth-20 (and) Beheneth-25 Methacrylate (and) Water	Barnet Products
0.70	Phenoxetol™	Phenoxyethanol	Clariant
0.20	Liposorb® L-20	Polysorbate 20	Vantage
<b>Part 2</b>			
8.40	SALACOS® 99	Isononyl Isononanoate	Ikeda
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-G	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. CPF-3300@10cSt is 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-G 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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KEY-105

# Aquamarine Shadow with KTZ® SM CRYSTAL WHITE

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
20.00	<b>TALC N-ASG4</b>	Talc (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
16.60	<b>ZINC STEARATE</b>	Zinc Stearate	Soda Nikka Co., Ltd.-JPY
10.00	<b>BTD-ASG2</b>	Titanium Dioxide (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
7.00	<b>MSS-500/20N</b>	Silica	<b>Kobo Products</b>
5.10	<b>MICA S-ASG3</b>	Mica (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
3.00	<b>SP-10</b>	Nylon-12	<b>Toray/Kobo Products</b>
2.50	<b>BLUE 1AL-ASG4</b>	Blue 1 Lake (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
<b>Part 2</b>			
9.90	<b>CSF-3100@20cSt</b>	Dimethicone	<b>NuSil/Kobo Products</b>
0.90	Phenoxetol™	Phenoxyethanol	Clariant
<b>Part 3</b>			
25.00	<b>KTZ® SM CRYSTAL WHITE</b>	Synthetic Fluorophlogopite (And) Titanium Dioxide (And) Silica	<b>Kobo Products</b>
100.00			

## Description:

This trendy, bright Aquamarine shadow goes well with fashion for all seasons. It applies smoothly as a result of Kobo's ASG treated materials. The formula comprises of ASG treated fillers and pigments. Stearoyl Glutamic Acid (ASG) Treatment is an amino acid coating that offers hydrophobic properties, promotes good skin adhesion and imparts a great creamy feel, especially in powders. MSS-500/20N enhances feel and product payoff. KTZ® SM CRYSTAL WHITE provides bright white sparkles. SP-10 is used for enhanced feel and soft focus effect.

## Manufacturing Procedure:

1. Micropulverize Part 1 until homogenous.□
2. Add Part 2 Blend well do not overheat.□
3. Add Part 3 Blend well at low speed.□
4. Press at 450psi.



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KEY-112

# Eyeshadow Clay with KTZ® ROYAL BLUE

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
37.80	Xiameter® PMX-200 Silicone Fluid 20CS	Dimethicone	Dow Chemical Company
15.45	<b>KTZ® ROYAL BLUE</b>	Mica (And) Titanium Dioxide (And) Ferric Ferrocyanide	<b>Kobo Products</b>
11.30	<b>SP-10</b>	Nylon-12	<b>Toray/Kobo Products</b>
7.55	<b>KOBOGUARD® MQ60DM</b>	Trimethylsiloxysilicate (And) Dimethicone	<b>Kobo Products</b>
6.75	<b>ZINC MYRISTATE</b>	Zinc Myristate	<b>Kobo Products</b>
5.25	<b>CARESS® BN30</b>	Boron Nitride	<b>Bent Tree/Kobo Products</b>
3.75	<b>MST-E8</b>	Vinyl Dimethicone/Methicone Silsesquioxane Crosspolymer	<b>Kobo Products</b>
2.25	<b>MSS-500W</b>	Silica	<b>Kobo Products</b>
2.25	Lameform® TGI	Polyglycerol-3 Diisostearate	Cognis
0.90	<b>BGCO-I2</b>	Chromium Oxide Greens (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
0.75	Lexgard® O	Caprylyl Glycol	Inolex
0.70	Phenoxetol™	Phenoxyethanol	Clariant
0.05	S-6W-6	Simethicone	Shin-Etsu
<b>Part 2</b>			
3.45	<b>PM WAX 82</b>	Polyethylene (And) Microcrystalline Wax	<b>Toray/Kobo Products</b>
1.20	NOMCORT® HK-G	Glyceryl Behenate/Eicosadioate	Ikeda
0.60	Softisan® 100	Hydrogenated Coco-Glycerides	Condea Chemie
100.00			

## Description:

This Bouncy Clay Eyeshadow has a unique "play-dough" like soft and flexible texture and velvety feel on eye lids. It features KTZ® ROYAL BLUE which provides the pearly blue undertone. SP-10 keeps the eyeshadow in place without moving into crease lines throughout wear. KOBOGUARD® MQ60DM is an oil phase silicone resin dispersed in Dimethicone, which provides long wear. CARESS® BN30 is used for light opacity, an elegant feel and additional adherence to eyelids. MST-E8, a spherical elastomer, improves payoff and feel. MSS-500W provides a silky application and a dry, soft after feel. ITT-treated pigment BGCO-I2 provides color to application. Melted PM WAX 82 and ZINC MYRISTATE bind together all the ingredients and help to hold the clay structure.

## Manufacturing Procedure:

1. Combine Part 1. Prop mix 90° C until uniform.□
2. Add Part 2 while mixing until uniform.□
3. Pour into pans.



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KMA-084

# Wax Free Anhydrous Mascara

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
24.00	<b>PMLVP75B</b>	Iron Oxides (CI 77499) (And) Isododecane (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
15.00	<b>KOBOGUARD® MQ75ETS</b>	Trimethylsiloxysilicate (And) Ethyl Trisiloxane	<b>Kobo Products</b>
5.00	<b>HL7M5</b>	Hydrogenated Polyisobutene (And) Silica	<b>Kobo Products</b>
<b>Part 2</b>			
17.00	<b>MSS-500N-FS</b>	Silica (And) Perfluorohexylethyl Triethoxysilane	<b>Kobo Products</b>
17.00	<b>KAOLIN</b>	Kaolin	Imerys
12.00	<b>MICA S-FS</b>	Mica (And) Perfluorohexylethyl Triethoxysilane	<b>Kobo Products</b>
<b>Part 3</b>			
9.00	<b>KOBOGUARD® 5400 IDD</b>	Hydrogenated Polycyclopentadiene (And) Isododecane	<b>Kobo Products</b>
<b>Part 4</b>			
1.00	<b>Euxyl 9010</b>	Phenoxyethanol & EthylHexyloxy	Schulke & Mayr
<b>100.00</b>			

## Description:

This unique formulation is 100% anhydrous, waterproof and extremely long-lasting. Thorough cleansing will require a specially formulated remover. This mascara does not contain waxes and comprises of volatile materials. The deep blackest-black shade is achieved by incorporation of PMLVP75B - Kobo's fine dispersion of black iron oxide. Two oil based film formers KOBOGUARD® MQ75ETS and KOBOGUARD® 5400 IDD are added for lash lengthening, long wear and prevention from smudging, racoon eyes and flaking. A volumizing complex of FS treated Silica Microsphere (MSS-500N-FS) and Mica (Mica S-FS) provides volume and adherence to the lashes. With each additional coat applied, lashes become thicker and more volumized. HL7M5 fumed silica gellant is added for buildable coverage and lightweight volume.

## Manufacturing Procedure:

1. Combine ingredients of Part 1 in main beaker and start mixing under propeller. Keep tightly covered through whole process.
2. Pre-weight ingredients of Part 2 on the weight boat and sprinkle them into vortex of Part 1.
3. Slowly add Part 3 with continued mixing
4. Add Part 4. Mix well until batch is uniform. Transfer to storage container.



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KLP-162B

# Shiny Cream Lipstick with MSS-500/5H

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
14.00	<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>
13.20	COSMOL™ 222	Diisostearyl Malate	Ikeda
10.52	COSMOL™ 168ARV	Dipentaerythrityl Hexahydroxystearate/Hexastearate/Hexarosinate	Ikeda
10.00	COSMOL™ 43V	Polyglyceryl-2 Triisostearate	Ikeda
10.00	<b>KOBOGUARD® 5400 CCT</b>	Hydrogenated Polycyclopentadiene (And) Caprylic/Capric Triglyceride	<b>Kobo Products</b>
7.98	<b>CPF-3300@10cSt</b>	Phenyl Trimethicone	<b>Avantor/Kobo Products</b>
7.00	<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>
6.00	Ozokerite Wax White SP 1020P	Ozokerite	Strahl & Pitsch
4.90	<b>PM WAX 82</b>	Polyethylene (And) Microcrystalline Wax	<b>Toray/Kobo Products</b>
4.40	<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>
4.00	<b>CARESS® BN30</b>	Boron Nitride	<b>Bent Tree/Kobo Products</b>
2.00	SALACOS® 334	Caprylic/Capric/Myristic/Stearic Triglyceride	Ikeda
<b>Part 2</b>			
6.00	<b>MSS-500/5H</b>	Silica	<b>Kobo Products</b>
<b>100.00</b>			

## Description:

This high coverage, semi-matte lipstick features MSS-500/5H which helps the formula glide smoothly onto the lips with increased payoff. CARESS® BN30 is a boron nitride that improves wear and gives a velvety finish. Kobo's INBP Pigmentary Dispersions ease the manufacturing process and give a more intense, uniformly developed color. CPF-3300@10cSt is a low viscosity phenyl trimethicone that improves feel and application. PM WAX 82 contributes to the structure of the formula. KOBOGUARD® 5400 CCT is a film former that helps with long wear.

## Manufacturing Procedure:

1. Combine Part 1 and heat to 85°C.
2. Slowly add Part 2 and mix until homogeneous.
3. Pour at 85°C (ensure lipstick mold is not cold).



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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	Methyl Paraben NF	Methylparaben	International Sourcing
0.10	Propyl Paraben NF	Propylparaben	International Sourcing
<b>Part 3</b>			
2.50	KTZ® EXTRAFINE SUNGLOW	Mica (And) Iron Oxides (CI 77491)	Kobo Products
2.50	SILCRUSTA MK03	Methyl Methacrylate Crosspolymer (And) Polymethylsilsesquioxane	Nikko Rica/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.



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KLP-220B-BR

# Natural High Impact Lipstick

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
32.41	<b>COSMOL™ 43V</b>	Polyglyceryl-2 Triisostearate	<b>Ikeda/Kobo Products</b>
15.00	Tegosoft® CT	Caprylic/Capric Triglycerides	Cosmotec
6.50	Cera de Candelila	Candelilla (Euphorbia Cerifera) Wax	Cosmotec
5.00	Manteiga de Karité	Shea Butter	Mapric
5.00	Tecwax Abelha	Beeswax	Cosmotec
2.00	Tecwax Carnauba	Carnauba Wax	Cosmotec
0.50	Litchi	Fragrance	Symrise
0.20	Vanillin Powder	Vanillin	Symrise
0.10	DL-Alfa-Tocopherol	Tocopherol	Focus Química
<b>Part 2</b>			
22.30	<b>JOH65UJE</b>	Titanium Dioxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica	<b>Kobo Products</b>
9.09	<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>
0.90	<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	<b>MSS-500/3H</b>	Silica	<b>Kobo Products</b>
100.00			

## Description:

This Natural Lipstick offers full color coverage in a single application with comfort and softness. It features Cosmos approved JOH Pigmentary Dispersions which disperse easily into lipstick bases and help to achieve a high impact of color with a creamy feel in formulations. Silica microsphere MSS-500/3H enhances payoff and prevents the formula from sweating. COSMOL™ 43V is a natural origin ester used as an alternative to castor oil. It shows superior oxidative stability and sweat prevention in solid cosmetics.

## 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.
3. Add Part 3 and mix until homogeneous.
4. Pour into molds at 78°C - 80°C.



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KLP-224A

# Water Glossy Lips

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
50.79	Deionized Water	Water	
0.30	Veegum® HV	Magnesium Aluminum Silicate	R.T. Vanderbilt
<b>Part 2</b>			
0.01	K7053 D&C Red 27	Red 27	Sensient Cosmetic Technologies
<b>Part 3</b>			
1.50	TEGOSOFT® PSE 141 G	Sucrose Stearate	Evonik
0.90	Phenoxetol™	Phenoxyethanol	Clariant
0.50	Sulfochem™ SLN-95 (Pellets)	Sodium Lauryl Sulfate	Lubrizol
<b>Part 4</b>			
18.00	Eutanol® G	Octyldodecanol	BASF
2.00	Ethocel™ Std 100 Premium	Ethylcellulose	Dow Chemical
<b>Part 5</b>			
7.00	CPF-3300@10cSt	Phenyl Trimethicone	Avantor/Kobo Products
3.00	Liposorb® S	Sorbitan Stearate	Vantage
2.50	Lipocol® C	Cetyl Alcohol	Vantage
<b>Part 6</b>			
8.00	INWP45R7C	Red 7 Lake (And) Isononyl Isononanoate (And) Ozokerite (And) Isopropyl Titanium Triisostearate (And) Polyhydroxystearic Acid	Kobo Products
2.00	INWP65U	Titanium Dioxide (And) Isononyl Isononanoate (And) Ozokerite (And) Isopropyl Titanium Triisostearate (And) Polyhydroxystearic Acid	Kobo Products
<b>Part 7</b>			
2.00	MSS-500W	Silica	Kobo Products
<b>Part 8</b>			
1.50	KOBOGUARD® 50AMP-G	Acrylates/Ethylhexyl Acrylate Copolymer (And) Water (And) Aminomethyl Propanol	Kobo Products
100.00			

## Description:

This luxurious, vibrant oil/water emulsion-based lip formula exhibits a comfortable, creamy feel. It instantly adheres to the lips as a second skin, wrapping them in a bright, substantial, uniform color layer. It features Kobo's creamy INWP Pigmentary Dispersions, which ease the manufacturing and laboratory process by melting into the batch around 75-80°C. CPF-3300@10cSt is an emollient silicone with low viscosity which adds a light feel and spreadability during application. MSS-500W fills lines and prevents feathering. KOBOGUARD® 50AMP-G contributes to a liquid barrier and provides adhesion to lips.

## Manufacturing Procedure:

1. Pre-weight DI Water and prop mix prior to addition of colloid-Veegum HV. Mix until fully hydrated (30 min.) under moderate speed mixing with high shear propeller. Heat this phase to 75°C.
2. Combine Parts 1 and 2. Homomix for 1 hour until uniform.
3. Combine Part 3 then add to Parts 1 and 2, homogenizing.
4. Combine Part 4 at 90°C, prop mix for 1 hour at 600rpm until clear and smooth.
5. Remove Part 4 from heat, mix for 2 hours at room temp.
6. Combine Parts 4, 5 and 6, prop mixing at 80°C until uniform.
7. Slowly add Oil phase (Parts 4, 5 and 6) to water phase (Parts 1, 2 and 3) while homogenizing for 15 minutes, maintain 70°C. Start cooling to 45°C.
8. Slowly add Parts 7 and 8, respectively, below 45°C, while cooling batch to 30°C.



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KLG-092B

# Pumpkin Natural Lip Gloss

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
46.00	Protachem™ CTG	Caprylic/Capric Triglyceride	Protameen
30.00	CO15M5	Ricinus Communis (Castor) Seed Oil (And) Silica	Kobo Products
5.63	OD75RJE	Iron Oxides (CI 77491) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Kobo Products
5.63	OD55YJE	Iron Oxides (CI 77492) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Kobo Products
3.74	OD75CJE	Titanium Dioxide (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Kobo Products
1.00	Lexgard® Natural	Glyceryl Caprylate (And) Glyceryl Undecylenate	Inolex
1.00	SunBoost ATB Natural	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
<b>Part 2</b>			
3.00	Beeswax White Sp 422P	Beeswax	Strahl & Pitsch
1.00	Plandool™-LG1	Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate	Nippon/Kobo Products
<b>Part 3</b>			
3.00	MSS-500/3H	Silica	Kobo Products
100.00			

## Description:

This ultra-pigmented lip gloss glides smoothly on lips leaving behind a vividly glossy look. This formula features Kobo's OD dispersions to create the rich pumpkin shade. CO15M5 provides the formula with superior gloss and increased wear. SunBoost ATB Natural, a proprietary ratio of anti-oxidant, anti-irritant and anti-inflammatory agents, and Plandool™-LG1, a high melt point waxy material, work together to provide emolliency, while moisturizing and hydrating the lips. MSS-500/3H offers increased payoff and enhances the creamy feel of the formulation.

## Manufacturing Procedure:

1. Combine Part 1 and prop mix until the color is uniform.
2. Begin heating Part 1 to 85°C and add Part 2. Continue mixing until waxes are completely melted.
3. Start cooling batch to 60°C. Add Part 3 at this temperature and continue mixing until uniform. Pour into small lip gloss components while still warm.





KFL-151A

# Rich & Radiant Night Mask with SunBoost ATB

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
60.82	Deionized Water	Water	
8.00	Glycerin U.S.P. F.C.C. 96%	Glycerin	Ruger Chemical
2.25	Zemea®	Propanediol	Du Pont & Tate
0.30	Carbomer 980	Carbomer	Lubrizol
0.15	Protachem™ NA2-P	Disodium EDTA	Protameen
<b>Part 2</b>			
4.80	Emulium® Delta	Cetyl Alcohol (and) Glyceryl Stearate (and) PEG-75 Stearate (and) Ceteth-20 (and) Steareth-20	Gattefossé
4.50	SunBoost ATB	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
2.00	Avocado Oil	Persea Gratissima (Avocado) Oil	Jeen International
2.00	JeenCoconut Oil	Cocos Nucifera (Coconut) Oil	Jeen International
<b>Part 3</b>			
1.10	CELLULOBEADS D-10-NPC2	Cellulose (And) Hydrogenated Lecithin	Kobo Products
<b>Part 4</b>			
5.00	Xiameter® PMX-200 Silicone Fluid 50CS	Dimethicone	Dow Corning
4.50	COSMOL™ 525	Neopentyl Glycol Diethylhexanoate	Ikeda
0.80	MSS-500W	Silica	Kobo Products
0.80	MSP-825	Methyl Methacrylate Crosspolymer	Kobo Products
<b>Part 5</b>			
0.53	NaOH 20% solution	Sodium Hydroxide	Spectrum Chemical
0.20	TEGO® Turmerone	Curcuma Longa (Turmeric) Root Extract	Evonik
<b>Part 6</b>			
1.00	Zemea®	Propanediol	Du Pont & Tate
0.60	SymDiol® 68	1,2-Hexanediol (and) Caprylyl Glycol	Symrise
0.50	Symsave® H	Hydroxyacetophenone	Symrise
<b>Part 7</b>			
0.15	CE-181461	Fragrance	Custom Essence
100.00			

## Description:

A rich, glossy cream that glides on and absorbs easily leaving skin soft and moisturized. SunBoost ATB conditions and soothes the skin with Argan Oil, Bisabolol and Vitamin E. Added to the oil phase, CELLULOBEADS D-10-NPC2 helps provide cushion upon application and minimizes greasy feel. The blend of MSP-825 and MSS-500W provides a balance of oil absorption and silky slip during and after application.

## Manufacturing Procedure:

1. With fast speed propeller mixing, sprinkle Carbomer 980 into Part 1. Mix at fast speed for 30 minutes until the powder is fully dispersed.
2. Heat Part 1 with propeller stirring to 70-75°.
3. Heat Part 2 with slow stirring to 70-75°C, until all ingredients are melted and phase is uniform. Stir Part 3 into Part 2.
4. Pre-mix Part 4 until the phase is smooth and uniform. With slow speed mixing, add Part 4 into Parts 2 and 3, maintaining heat @ 70-75°C.
5. With medium speed homogenization, add Parts 2, 3 and 4 to Part 1. Begin cooling while slowly homogenizing.
6. At 50-55°C, add Part 5 ingredients to batch, (One at a time), with medium speed homogenization. Homogenize well until batch is smooth and uniform.
7. With slow homogenization, add pre-mixed Parts 6 and 7.
8. Cool sweep the batch to 30-35°C.



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KFL-167

# Morning Glow Serum

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
62.60	Deionized Water	Water	
0.50	<b>AQUA KEEP 10SH-NFC</b>	Sodium Acrylates Crosspolymer-2	<b>Sumitomo Seika/Kobo Products</b>
<b>Part 2</b>			
9.00	<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>
9.00	Glycerin U.S.P. F.C.C. 96%	Glycerin	Ruger Chemical
0.90	Euxyl® PE 9010	Phenoxyethanol (And) Ethylhexylglycerin	Schulke & Mayr
<b>Part 3</b>			
1.00	<b>Cn-UR1000S</b>	Water (And) Urea (And) Pentylene Glycol (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Hydrogenated Lecithin	<b>Kobo Products</b>
1.00	<b>Gs-RES</b>	Water (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Vitis Vinifera (Grape) Vine Extract (And) Phenoxyethanol (And) Parabens (And) Hydrogenated Lecithin	<b>Kobo Products</b>
1.00	<b>Gs-AHP</b>	Water (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Phenoxyethanol (And) Parabens (And) Hydrogenated Lecithin (And) Acetyl Hexapeptide-8	<b>Kobo Products</b>
<b>Part 4</b>			
3.00	<b>SunBoost ATB</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
3.00	Dermol 25B	C12-15 Alkyl Benzoate	Alzo International Inc.
<b>Part 5</b>			
1.00	Sepiplus™ 400	Hydroxyethyl Acrylate / Sodium Acryloyldimethyl Taurate Copolymer & Isohexadecane & Polysorbate 60	SEPPIC
<b>Part 6</b>			
5.00	<b>MSS-500/20N</b>	Silica	<b>Kobo Products</b>
<b>Part 7</b>			
3.00	<b>HV-GOLD</b>	Synthetic Fluorphlogopite (And) Titanium Dioxide (And) Polymethyl Methacrylate (And) Tin Oxide (And) Polyvinyl Alcohol	<b>Nikko/Kobo Products</b>
100.00			

## Description:

This hydrating serum gives the skin a natural glow due to the presence of HV-GOLD. This PMMA coated pearl provides soft focus and a subtle sheen. This formula also features Kobo's Glycosphere Delivery Systems. The Glycospheres in this formulation contain Resveratrol (Gs-RES), Acetyl Hexapeptide-8 (Gs-AHP), and Urea (Cn-UR1000S). SunBoost ATB, a proprietary ratio of anti-oxidant, anti-irritant and anti-inflammatory agents, is used for additional skin care benefits. AQUA KEEP 10SH-NFC is a water gelling agent that offers stability to the formula, while maintaining a light watery feel. CES-1104 is an encapsulated elastomer gel that gives a moisturizing effect with a rich after feel. MSS-500/20N is a Silica Microsphere, that provides a silky feel and contributes to soft focus effect on skin.

## Manufacturing Procedure:

1. Propeller mix Part 1 until it forms a clear gel.
2. Add Part 2 and prop mix until homogeneous.
3. Add Part 3 followed by Part 4 while mixing.
5. Add Part 5 and mix until homogeneous.
6. Slowly add Parts 6 and 7, respectively, and mix until homogeneous.



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KFL-183

# Watermelon Purifying Clay Stick Mask

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
25.85	Deionized Water	Water	
0.10	Protacide Na3 EDTA™	Trisodium EDTA	Protameen
<b>Part 2</b>			
15.00	Butylene Glycol	Butylene Glycol	Ruger Chemical
<b>Part 3</b>			
5.00	Jeechem Sodium Stearate C1	Sodium Stearate	Jeen International
<b>Part 4</b>			
7.20	BG60PFCQ	Titanium Dioxide (And) Butylene Glycol (And) Water (Aqua) (And) Polyquaternium-7	Kobo Products
1.80	BG60GRQ	Iron Oxides (CI 77491) (And) Butylene Glycol (And) Water (And) Polyquaternium-7	Kobo Products
<b>Part 5</b>			
0.50	Mikrokill® COS	Phenoxyethanol (And) Chlorphenesin (And) Caprylyl Glycol	Arch Chemicals, Inc
<b>Part 6</b>			
15.00	KAOLIN	Kaolin	Imerys
13.00	Deionized Water	Water	
5.00	Glycerin U.S.P. F.C.C. 96%	Glycerin	Ruger Chemical
5.00	Standapol® ES-2	Sodium Laureth Sulfate	BASF
0.50	Exilva FM 02-L	Water (And) Cellulose	Borregaard/Kobo Products
<b>Part 7</b>			
4.00	KOBOPEARL® PERPETUAL IO G NOON	Calcium Sodium Borosilicate (And) Titanium Dioxide (And) Iron Oxides (CI 77491)	Kobo Products
2.00	MSS-500/N	Silica	Kobo Products
<b>Part 8</b>			
0.05	S-6W-6	Simethicone	Shin-Etsu
<b>100.00</b>			

## Description:

This water-based clay stick mask features Kobo's BG dispersions in butylene glycol. These dispersions provide the soft, but bright pink shade of this mask and ease the manufacturing process. KOBOPEARL® PERPETUAL IO G NOON is an effect pigment based on Calcium Sodium Borosilicate. When combined with the dispersions, it creates an intense pink sheen. Also included in this mask is Exilva FM 02-L, a natural, cellulose-based performance enhancer that helps with stability. MSS-500/N gives the stick a smooth and even application.

## Manufacturing Procedure:

1. Mix Part 1 in main beaker under propeller mixer until Trisodium EDTA is dissolved.
2. Add Part 2 and heat to 50° C.
3. Add Part 3 and mix until Sodium Stearate is dissolved. Hold temperature.
4. Add Part 4 to batch.
5. When pigments are fully dispersed, add Part 5.
6. In a side beaker, premix Part 6. When Kaolin is completely wet out, add to batch under propeller mixing. Mix for 10-15 minutes until batch is smooth.
7. Add Part 7, followed by Part 8 under propeller mixing at low speed.
8. Pour into components at 70-75° C.



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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	SW50EY	Synthetic Wax (And) Iron Oxides (CI 77492) (And) Isopropyl Titanium Triisostearate	Kobo Products
1.00	SW65U	Synthetic Wax (And) Titanium Dioxide (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.



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KHP-029-BR

# Root Concealer

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
26.40	<b>BBO-ASG3</b>	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
22.00	<b>TALC N-ASG4</b>	Talc (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
21.60	<b>BYO-ASG3</b>	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
12.00	<b>BRO-ASG3</b>	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
5.00	<b>MSS-500W</b>	Silica	<b>Kobo Products</b>
<b>Part 2</b>			
7.00	<b>KOBOGUARD® MQ60DM</b>	Trimethylsiloxysilicate (And) Dimethicone	<b>Kobo Products</b>
5.00	<b>COSMOL™ 525</b>	Neopentyl Glycol Diethylhexanoate	<b>Ikeda/Kobo Products</b>
1.00	<b>Cosmoguard® SL CP</b>	Phenoxyethanol (and) Ethylhexylglycerin	<b>Cosmotec</b>
100.00			

## Description:

This Root Concealer is a high pigmented formula indicated for hiding growing hair roots and to cover grays instantly. It is composed of amino acid (ASG) treated pigments and filler, that provide color and cover. KOBOGUARD® MQ60DM is a water-insoluble resin used to provide adherence and product wear. A lightweight ester COSMOL™ 525 is used as liquid binder and silica microsphere MSS-500W is added to improve slip.

## 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.



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