

# FORMULARY

in-cosmetics® Asia 2022

**KOBO**

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KSL-425B

# Natural Mineral Sunscreen Cream



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
19.20	<b>NHP55TS</b>	Titanium Dioxide (And) C13-15 Alkane (And) Stearic Acid (And) Aluminum Hydroxide (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
19.15	<b>GCP55MZ8SG</b>	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Polyhydroxystearic Acid (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
4.00	Dehymuls® PGPH	Polyglyceryl-2 Dipolyhydroxystearate	BASF
4.00	<b>SunBoost ATB Natural</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
1.00	Cetiol® CC	Dicaprylyl Carbonate	BASF
1.00	Dehymuls® LE	PEG-30 Dipolyhydroxystearate	BASF
1.00	<b>Plandool™-G</b>	Bis-Behenyl/Isostearyl/Phytosteryl Dimer Dilinoleyl Dimer Dilinoleate	<b>Nippon/Kobo Products</b>
<b>Part 2</b>			
4.00	<b>JOP80MZCJ</b>	Zinc Oxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Polyhydroxystearic Acid (And) Jojoba Esters	<b>Kobo Products</b>
<b>Part 3</b>			
37.65	Deionized Water	Water	
<b>Part 4</b>			
1.50	Superol Glycerine USP, Kosher Glycerine USP	Glycerin	P&G Chemicals
0.10	Keltrol® CG	Xanthan Gum	CP Kelco
<b>Part 5</b>			
1.00	MgSO4 7H2O	Magnesium Sulphate Heptahydrate	A&C American Chemicals
0.10	ALLANTOIN	Allantoin	Jeen International
0.05	Dermofeel® PA-3	Sodium Phytate	Dr. Straetmans/ Kinetik
<b>Part 6</b>			
2.00	Zemea®	Propanediol	Du Pont & Tate
0.75	Hydrolite® 5 Green	Pentylene Glycol	Symrise
0.50	AE Preserve® PCG	Phenethylalcohol (And) Caprylhydroxamic Acid (And) Glycerin	AE Chemie
<b>Part 7</b>			
3.00	<b>MSS-500</b>	Silica	<b>Kobo Products</b>
<b>100.00</b>			

## Description:

This sunscreen is a rich, thick lotion. It contains a unique combination of dispersions GCP55MZ8SG (PS 180nm ZnO) and JOP80MZCJ (Non-Nano ZnO) to provide both CW and PFA/ UVA protection with very minimal whitening. NHP55TS is a TiO<sub>2</sub> dispersion with a very small aggregate particle size that provides SPF protection, also with very minimal whitening on skin. SunBoost ATB Natural boosts both SPF and UVA/PFA values. Plandool™-G provides moisturizing benefits and seals the formula on the skin, and therefore increasing protections against UV rays. MSS-500 gives the product a non-greasy, dry after-feel on skin.

## Manufacturing Procedure:

1. In the main vessel, homogenize the first five ingredients in Part 1 until smooth. Add the last ingredients and heat to 80-85°C.
2. In a side kettle, weigh out Part 3. Pre-mix Part 4 and add to Part 3 with fast speed propeller mixing. Mix for at least 30 minutes.
3. With mixing, begin heating Parts 3 and 4 to 65-70°C. Add Part 5, one at a time while heating.
4. Right before emulsifying, add Part 2 to Part 1 and reheat with stirring to 70-75°C.
5. With homogenization, slowly add Parts 3, 4, and 5 to Parts 1 and 2.
6. Cool with stirring to 50°C and homogenize at medium speed while adding premixed Part 6. Homogenize for at least 3-5 minutes.
7. With slow speed homogenization, blend Part 7 into batch and then cool with mixing to 30°C.

## Active Ingredient(s):

Zinc Oxide	13.10%
Titanium Dioxide	8.50%

## Testing:

SPF: in vivo on 5 subjects



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KSL-475E-EU

# Clean Beauty Sunscreen Stick 3-in-1 Prime'n Glow Non-Nano ZnO



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
28.10	Dub Zenoat	Propanediol Dicaprylate	Stearinerie Dubois
25.00	<b>ZnO-C-ASG3J</b>	Zinc Oxide (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
18.69	Emotion Light	Tripelargonin	Roelmi HPC
4.00	<b>SunBoost ATB</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
2.00	Plurol Diisostearique	Polyglyceryl-3 Diisostearate	Gattefosse
0.60	Sensiva PA 40	Phenylpropanol (And) Propanediol (And) Caprylyl Glycol (And) Tocopherol	Schuelke
<b>Part 2</b>			
3.80	Sunflower Wax	Helianthus Annuus Seed Wax	Koster Keunen
3.00	Dub PTB	Pentaerythrityl Tetrabenenate	Stearinerie Dubois
2.00	Kesterwax K82H	C20-40 Alkyl Stearate	Koster Keunen
<b>Part 3</b>			
5.00	<b>CELLULOBEADS D-10-NPC2</b>	Cellulose (And) Hydrogenated Lecithin	<b>Kobo Products</b>
5.00	<b>MSS-500/N</b>	Silica	<b>Kobo Products</b>
1.20	<b>MSS-500/3H</b>	Silica	<b>Kobo Products</b>
<b>Part 4</b>			
1.00	<b>KTZ® ARUBAN CORAL-ASG2</b>	Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.40	<b>GCG50TRSG</b>	Iron Oxides (CI 77491) (And) Caprylic/Capric Triglyceride (And) Polyglyceryl-3 Diisostearate (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.15	<b>GCG50TYSG</b>	Iron Oxides (CI 77492) (And) Caprylic/Capric Triglyceride (And) Polyglyceryl-3 Diisostearate (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.06	<b>KTZ® EBONY</b>	Iron Oxides (CI 77499) (And) Mica	<b>Kobo Products</b>
<b>100.00</b>			

## Description:

This easy-to-use, waterless 3-in-1 sunscreen stick is also a primer with a glow effect, containing mostly vegetal and mineral origin ingredients. The formulation contains ZnO-C-ASG3J, a non-nano Zinc Oxide, hydrophobically modified for easy dispersion in the emollients used, to provide UV protection.

It also contains SunBoost ATB for UV protection boosting and skin protecting efficacy.

The mineral microspheres MSS-500/N and MSS-500/3H contribute to weightless application and good payoff as well as soft focus effects on the skin. CELLULOBEADS D-10-NPC2, a 10 micron cellulose microsphere with hydrogenated lecithin treatment, which renders it more creamy, contributes softness and creaminess to the stick.

The formulation is tinted with GCG50TRSG and GCG50TYSG, transparent iron oxide dispersions and KTZ® EBONY, a black iron oxide coated mica, to significantly reduce whitening caused by large particle size Zinc Oxide. The glow effect is imparted by KTZ® ARUBAN CORAL-ASG2, a special skin color blend.

## Manufacturing Procedure:

1. Prepare Part 1 by dispersing powder ZnO in liquid emollients.□
2. Add Part 2, heat to 95 °C, add Part 3 followed by Part 4 and mix till homogeneous.□
3. Pour into containers at 85 °C and leave to cool at RT.

## Active Ingredient(s):

Zinc Oxide

24.25%

## Testing:

SPF: in vivo on 5 subjects

UVA-PF: in vitro method

CW: FDA method



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KSL-491

# All Zinc Natural Mousse Sunscreen



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
31.30	Deionized Water	Water	
1.00	ŠUPEROL® KPO, GLYCERIN 99.7% USP/FCC (KOSHER)	Glycerin	P&G Chemicals
1.00	Exilva FM 02-L	Water (And) Cellulose	Borregard
1.00	Zemea®	Propanediol	Du Pont & Tate
0.10	Keltrol® CG	Xanthan Gum	CP Kelco
<b>Part 2</b>			
30.00	GCP45XZJ	Caprylic/Capric Triglyceride (And) Zinc Oxide (And) Polyhydroxystearic Acid (And) Jojoba Esters	Kobo Products
22.00	JOSP55XZJ	Zinc Oxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Polyhydroxystearic Acid (And) Jojoba Esters	Kobo Products
<b>Part 3</b>			
5.00	LexFeel™ N20 MB	Diheptyl Succinate (and) Capryloyl Glycerin/Sebacic Acid Copolymer	Inolex
2.50	SunBoost ATB Natural	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
1.50	Olivem® 1000	Cetearyl Olivatate and Sorbitan Olivatate	Hallstar
<b>Part 4</b>			
2.00	Matte Lite® TF6	Montmorillonite (and) Sucrose Distearate (and) Sucrose Stearate	MMP International
<b>Part 5</b>			
2.00	MSS-500/3H	Silica	Kobo Products
<b>Part 6</b>			
0.60	AE Preserve® PCG	Phenethylalcohol (And) Caprylhydroxamic Acid (And) Glycerin	AE Chemie
<b>100.00</b>			

## Description:

An all Zinc natural origin mousse sunscreen with minimal whitening and easy application. GCP45XZJ and JOSP55XZJ provide UVA and UVB protection. SunBoost ATB Natural is a proprietary ratio of three ingredients that boosts SPF and PFA. MSS-500/3H adds enhanced cushion, slip and spreadability on the skin.

## Manufacturing Procedure:

1. Homogenize Part 1 until uniform then heat to 85-90°C and keep tightly covered.
2. Combine Parts 2 and 3. Heat to 85-90°C. Maintain temperature and homogenize Parts 2 and 3 until uniform. When uniform, add Part 4 to Parts 2 and 3. Continue homogenizing until smooth (about 10 minutes).
3. Add Parts 2, 3, and 4 to Part 1 under homogenizer higher shear (1500 rpm). Continue mixing for 3 minutes or until fully smooth. Remove from heat.
4. Sprinkle in Part 5. Homogenize until smooth.
5. Switch to propeller mixer- sweep blade at 40 rpm. Add Part 6 at 45°C. Continue mixing until 28°C.

## Active Ingredient(s):

Zinc Oxide 24.04%

## Testing:

SPF: in vivo on 5 subjects  
CW: FDA method



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KSL-499-BR

# Natural Fluid Sunscreen SPF30



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
41.60	Deionized Water	Water	
3.00	Exilva FM 02-V	Water (And) Cellulose	Borregard
1.50	Glicerina Bi-Destilada U.S.P.	Glycerin	Synth
<b>Part 2</b>			
35.00	<b>NHP60MZ8SG</b>	Zinc Oxide (And) C13-15 Alkane (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
2.00	PolyAqual™-LW	Polyglyceryl-4 Laurate, Polyglyceryl-6 Laurate	Innovacos
2.00	EMOGREEN™ L19	C15-19 Alkane	SEPPIC
2.00	<b>SunBoost ATB Natural</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
2.00	TEGO® Care PBS 6 MB	Polyglyceryl-6 Stearate (and) Polyglyceryl-6 Behenate	Evonik
1.00	Estearato Emulsionável "GMS SE" (Cera de Coco)	Glyceryl Stearate SE	Engenharia das Essências
1.00	Lexgard® Natural	Glyceryl Caprylate (And) Glyceryl Undecylenate	Inolex
1.00	<b>KOBOGUARD® NATURAL 2063-NDA</b>	Glyceryl Hydrogenated Rosinate (And) C9-12 Alkane	<b>Kobo Products</b>
0.50	Plandool™-H	Phytosteryl/Isostearyl/Cetyl/Stearyl/Behenyl Dimer Dilinoleate	Nippon Fine Chemical
0.50	TEGO® SML 20	Polysorbate 20	Evonik
<b>Part 3</b>			
5.00	Deionized Water	Water	
0.10	Goma Xantana	Xantham Gum	Mapric
<b>Part 4</b>			
1.00	<b>MSS-500/N</b>	Silica	<b>Kobo Products</b>
0.80	<b>ASO-NJE2</b>	Aluminum Starch Octenylsuccinate (And) Jojoba Esters	<b>Kobo Products</b>
<b>100.00</b>			

## Description:

This natural sunscreen has a thin and light texture. The SPF and PFA are due to an attenuation grade Zinc Oxide dispersion, NHP60MZ8SG. SunBoost ATB contains a proprietary ratio of antioxidant, anti-irritant and antiinflammatory agents to help boost SPF and PFA. KOBOGUARD® NATURAL 2063-NDA is a film former of natural origin, that improves product wear. ASO-NJE2 is a modified starch treated with Jojoba Esters that imparts a smooth skin feel, and silica microsphere MSS-500/N gives a matte finish with a non-tacky after feel. PLANDOOL™-H provide skin barrier moisture protection and water-proofing propertie.

## Manufacturing Procedure:

1. Combine Part 1 and disperse Exilva FM 02-V using homogenizer. Heat to 80°C.
2. Combine Part 2 and heat to 80°C.
3. Add Part 2 to Part 1, using homogenizer.
4. Combine Part 3 and add to the mix
5. Cool to 45°C under stirring.
6. Add Part 4 and mix until homogeneous.

## Active Ingredient(s):

Zinc Oxide 19.95%

## Testing:

SPF: in vivo on 10 subjects  
 UVA-PF: in vitro method  
 CW: FDA method



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KLF-225

# W/O Liquid Foundation (Halal Compliant)

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
27.90	Deionized Water	Water	
1.50	Sodium Chloride	Sodium Chloride	Morton Salt
<b>Part 2</b>			
6.90	Glycerin U.S.P. Kosher 99.7%	Glycerin	Procter & Gamble Chemicals
0.10	Keltrol® CG	Xanthan Gum	CP Kelco
<b>Part 3</b>			
15.00	Liponate® GC	Caprylic/Capric Triglyceride	Vantage
12.00	OD75CJE	Titanium Dioxide (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Kobo Products
7.00	Cetiol® CC	Dicaprylyl Carbonate	DeWolf Chemicals
6.00	Myritol® 331	Cocoglycerides	Universal Preserv-A-Chem
5.90	Dehymuls® PGPH	Polyglyceryl-2 Dipolyhydroxystearate	BASF
3.00	KoboMica L-27-NJE2	Mica (And) Jojoba Esters	Kobo Products
2.00	CARESS® BN06	Boron Nitride	Bent Tree/Kobo Products
1.90	Cegesoft® SB	Butyrospermum Parkii (Shea) Butter	BASF
1.50	Lexgard® Natural	Glyceryl Caprylate (And) Glyceryl Undecylenate	Inolex
1.50	OD55YJE	Iron Oxides (CI 77492) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Kobo Products
1.50	Dermofat 4919	Stearic Acid	Alzo International Inc.
0.90	Thixcin® R PC	Trihydroxystearin	Elementis Specialties
0.90	Monomuls® 90-O 18	Glyceryl Oleate	BASF
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 4</b>			
3.00	MSS-500W	Silica	Kobo Products
1.00	SILICA SHELLS	Silica	Kobo Products
100.00			

## Description:

This W/O Liquid Foundation features Kobo's Natural, OD, Pigmentary dispersions which contain patented NJE, Natural Jojoba Ester surface treatment that enables pigment particles to be rendered hydrophobic. Natural Jojoba Ester-treated powder KoboMica L-27-NJE2 imparts a smooth, even application and good adherence on the skin. CARESS® BN06, Boron Nitride, is used for superior softness and tactility, superb spreadability, and good coverage. Silica microsphere, MSS-500W, offers an elegant feel upon application and provides a soft focus effect. SILICA SHELLS absorb excess skin oils and help to keep the foundation color true to the skin.

## Manufacturing Procedure:

1. Combine Part 1 until fully dissolved then add Part 2 slurry to batch. □
2. Combine Part 3, heat to 70 °C then homogenize. Cool to RT. □
3. Slowly add Part 1 and 2 to Part 3 until homogeneous. □
4. Slowly add Part 4 to batch.

## Notes:

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





KLF-286-EU

# Smooth Nude Express Transitioning Foundation

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
14.00	<b>BTD-401</b>	Titanium Dioxide (CI 77891) (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
3.00	<b>BYO-I2</b>	Iron Oxides (CI 77492) (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
1.00	<b>BRO-I2</b>	Iron Oxides (CI 77491) (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
0.20	<b>BBO-I2</b>	Iron Oxides (CI 77499) (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
<b>Part 2</b>			
25.00	Dermol 816	Ethylhexyl Palmitate	Alzo
21.30	DUB DONPG	Neopentyl Glycol Diethylhexanoate	Stearinerie Dubois
2.00	Plurol Diisostearique	Polyglyceryl 3 Diisostearate	Gattefosse
0.50	Sensiva PA 40	Phenylpropanol (and) Propanediol (and) Caprylyl Glycol (and) Tocopherol	Schulke and Meyer
<b>Part 3</b>			
3.00	<b>PM WAX 82</b>	Polyethylene (And) Microcrystalline Wax	<b>Toray/Kobo Products</b>
3.00	Sunflower Wax Double Refined	Helianthus Annus (Sunflower) Seed Wax	Koster Keunen
<b>Part 4</b>			
20.00	<b>MSP-822</b>	Polymethyl Methacrylate	<b>Kobo Products</b>
7.00	<b>SERICITE GMS-4C</b>	Mica	<b>Kobo Products</b>
<b>100.00</b>			

## Description:

This anhydrous, hot pour foundation formulation is characterized by an even, silky and vanishing feel upon application. The ITT treated pigments disperse easily in the ester base and create a very homogeneous color film and natural-looking coverage. The ITT surface treatment on the pigments also contributes to longer wear and batch-to-batch color reproducibility. PM WAX 82 contributes to the structure and SERICITE GMS-4C is used as a filler. MSP-822 provides the cream-to-powder transitioning effect, giving the user the feeling that the product just melts into skin.

## Manufacturing Procedure:

1. Pulverize the pigments and then disperse them in Part 2. Silverson Square head 8000 rpm 15 mins.
2. Add Part 3, heat to 95°C
3. Add Part 4 and mix till homogeneous.
4. Pour into containers at 92°C and leave to cool at RT.



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KLF-322-EU

# D5-Free Non-Transfer Foundation with ASGPs

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
14.00	BRB DM 2	Dimethicone	BRB International BV
11.00	<b>KOBOGUARD® MQ75ETS</b>	Trimethylsiloxysilicate (And) Ethyl Trisiloxane	<b>Kobo Products</b>
11.00	<b>BTD-ASGP3</b>	Titanium Dioxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
10.00	Purolan® IDD	Isododecane	Lanxess
3.00	KSG-820	Lauryl Dimethicone Polyglycerin-3 Crosspolymer (And) Isododecane	Shin-Etsu
3.00	KF-6038	Lauryl PEG-9 Polydimethylsiloxoethyl Dimethicone	Shin-Etsu
2.05	<b>BWYO-ASGP3</b>	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
1.80	Garamite 7308 XR	Quaternium 90 Sepiolite & Quaternium 90 Montmorillonite	Eckart/BYK
0.60	<b>BWRO-ASGP3</b>	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
0.35	<b>BWBO-ASGP3</b>	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
<b>Part 2</b>			
32.00	Deionized Water	Water	
5.00	Butylene Glycol	Butylene Glycol	Univar
1.20	Mg Sulfate Hept	Magnesium Sulphate Heptahydrate	Fisher Scientific
1.00	SymDiol® 68	1,2 Hexanediol (and) Caprylyl Glycol	Symrise
<b>Part 3</b>			
2.00	<b>MSS-500/N</b>	Silica	<b>Kobo Products</b>
2.00	<b>CELLULOBEADS D-5-ASG3</b>	Cellulose (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
<b>100.00</b>			

## Description:

A full coverage, D5-free and non-transfer w/si foundation featuring the superdispersible ASGP treated pigments. Cyclopentasiloxane has been the number one choice of volatile emollient for non-transfer foundation formulations. Today, due to environmental concerns, there is a desire to formulate with alternatives without having to compromise on the sensory properties of formulas achieved with D5. This formula uses 2 cSt Dimethicone and Isododecane, which are popular alternatives providing quick drying. The ASGP treated pigments disperse extremely easily and quickly in these emollients, using much lower levels of energy than would be usually required. The formulation is rendered non-transfer by the use of KOBOGUARD® MQ75ETS. A high level of film formers could cause tackiness which has normally been mitigated against by the use of PMSQ powders, which today fall into the microplastic category. This formulation uses a combination of MSS-500/N and CELLULOBEADS D-5-ASG3 to provide softness and creaminess and reduce tack.

## Manufacturing Procedure:

- 1<sup>†</sup> Combine Part 1, by first dispersing the powders in emollients and adding the emulsifiers and other ingredients.
2. <sup>†</sup>Prepare Part 2.
3. Add Part 2 to Part 1 under prop stirrer, 1000 rpm.
- 4<sup>†</sup> Homogenize for a minute at 2000-3000 rpm and move the beaker back to the prop stirrer and add the powders of Part 3.



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KLF-328A-EU

# Clean Beauty Fluid Foundation with ASGP's

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
17.14	Neossance Hemisqualane	C13-15 Alkane	Centerchem
12.00	Emotion Light	Tripelargonin	Roelmi HPC
<b>Part 2</b>			
6.00	Bentone Luxe WO	Polyglyceryl-6 Polyricinoleate (and) Polyglyceryl-3 Diisostearate (and) Disteardimonium Hectorite	Elementis
<b>Part 3</b>			
9.35	<b>BTD-ASGP3</b>	Titanium Dioxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
2.20	<b>BWYO-ASGP3</b>	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
0.66	<b>BWRO-ASGP3</b>	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
0.40	<b>BWBO-ASGP3</b>	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
<b>Part 4</b>			
43.75	Distilled Water	Water	
2.00	Glycerin	Glycerin	-
1.70	Mg Sulfate Hept	Magnesium Sulphate Heptahydrate	Fisher Scientific
0.40	SymDiol® 68	1,2 Hexanediol (and) Caprylyl Glycol	Symrise
0.40	Symsave H	Hydroxyacetophenone	Symrise
<b>Part 5</b>			
2.00	<b>GMS-ASG3</b>	Mica (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
2.00	<b>CELLULOBEADS D-5-ASG3</b>	Cellulose (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
<b>100.00</b>			

## Description:

This silicone free, cold process, fluid w/o foundation, containing ASGP treated pigments, is very easy and quick to make. It gives a pleasant, quickly absorbed texture with a dewy finish. The ASGP treated pigments are able to be dispersed in situ into the emollients in around 1 minute and give the colour and coverage. CELLULOBEADS D-5-ASG3 and GMS-ASG3 both contribute to the soft and creamy sensory.

## Manufacturing Procedure:

1. Disperse Part 2 in Part 1 under Silverson tubular round hole head, until homogenous.
2. Add Part 3 and homogenise at 5000RPM around 1 min.
3. Prepare Part 4.
4. Make emulsion by adding Part 4 to Part 1 under propeller stirrer at 1000 RPM.
5. Homogenise at 3000 RPM for around 1 min.
6. Add Part 5 to the emulsion under propeller stirrer.



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# KLF-259D-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	Evonik
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 Trisostearate	<b>Ikeda/Kobo Products</b>
4.00	ISOLAN® GI 34	Polyglyceryl-4 Isostearate	Evonik
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	Hallstar
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® DarkBrown</b>	Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77499)	<b>Kobo Products</b>
<b>Part 5</b>			
4.00	<b>CELLULOBEADS D-10-NPC2</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-NPC2, offers a creamy texture, moisturizing feel and excellent affinity to the skin. The KTZ® EXTRAFINE GOLD and KRAY® DarkBrown 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%

## Testing:

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

## Notes:

CW: 380nm; CW was tested using ISO 24443:2012 methodology



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KBL-036

# 3-in-1 Blush, Lipstick, Eyeshadow

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
27.50	Permethyl® 99A	Isododecane	Presperse
25.00	KOBOGUARD® 5400 IDD	Hydrogenated Polycyclopentadiene (And) Isododecane	Kobo Products
10.00	KOBOGUARD® HRPC	Hydrogenated Polycyclopentadiene (And) Polyethylene (And) Copernicia Cerifera (Carnauba) Wax (And) Tocopherol	Kobo Products
7.00	Candelilla Wax - SP-75	Euphorbia Cerifera (Candelilla) Wax	Strahl & Pitsch
5.00	MAKIGREEN VELVET WAX	Vegetable Oil (Olus Oil) (And) Oryza Sativa (Rice) Bran Oil (And) Oryza Sativa (Rice) Bran Wax (And) Rhus Succedanea Fruit Wax (And) Helianthus Annuus (Sunflower) Seed Wax	Daito/Kobo Products
5.00	CARNAUBA WAX SP 63P	Copernicia Cerifera (Carnauba) Wax	Strahl & Pitsch
<b>Part 2</b>			
2.00	PMLVP75R	Iron Oxides (CI 77491) (And) Isododecane (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Isopropyl Titanium Triisostearate	Kobo Products
<b>Part 3</b>			
8.00	CARESS® BN09	Boron Nitride	Bent Tree/Kobo Products
5.00	MSS-500W-LL10	Silica (And) Lauroyl Lysine	Kobo Products
3.00	MSS-500/3H	Silica	Kobo Products
2.00	KTZ® BLUE CLARET	Mica (And) Iron Oxides (CI 77491)	Kobo Products
<b>Part 4</b>			
0.50	Lexgard® Natural MB	Glyceryl Caprylate (and) Glyceryl Undecylenate	Inolex
<b>100.00</b>			

## Description:

This multi-use formula can be used to add a touch of color to cheeks, lips and eyes. KOBOGUARD® 5400 IDD provides long wear properties. KOBOGUARD® HRPC, a wax resin composite, imparts enhanced adhesion. MAKIGREEN VELVET WAX gives body to the formula and a matte appearance to the skin. The red shade of the formula is achieved with a combination of PMLVP75R and KTZ® BLUE CLARET. CARESS® BN09 provides spreadability, long-lasting effect and good coverage. The combination of MSS-500/3H and MSS-500W-LL10 enables the stick to be structured with less wax, and improves the application and after feel while providing a soft focus effect.

## Manufacturing Procedure:

1. Combine Part 1 and heat to 80°C. Propeller mix until clear and homogeneous.
2. Add Part 2. Continue mixing.
3. Sprinkle in Part 3 to the batch. Mix until homogenous.
4. Add Part 4. Mix well.
5. Pour into components at 80°C.



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KCP-046

# Radiant Bouncy Bronzer with MST-547

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
37.65	Xiameter® PMX-200 Silicone Fluid 5 CS	Dimethicone	Dow Coming
14.25	<b>CXG-1104</b>	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	<b>Avantor/Kobo Products</b>
4.10	COSMOL™ 43V	Polyglyceryl-2 Triisostearate	Ikeda
2.40	Lameform® TGI	Polyglycerol-3 Diisostearate	Cognis
0.45	Lexgard® O	Caprylyl Glycol	Inolex
0.05	S-6W-6	Simethicone	Shin-Etsu
<b>Part 2</b>			
4.60	<b>PM WAX 82</b>	Polyethylene (And) Microcrystalline Wax	<b>Toray/Kobo Products</b>
1.55	NOMCORT® HK-G	Glyceryl Behenate/Eicosadioate	Ikeda
0.80	Softisan® 100	Hydrogenated Coco-Glycerides	Sasol
<b>Part 3</b>			
16.45	<b>MST-547</b>	Polymethylsilsesquioxane	<b>Kobo Products</b>
8.85	<b>GMS-11S2</b>	Mica (And) Triethoxycaprylylsilane	<b>Kobo Products</b>
6.55	<b>KTZ® BRONZE D OR-I2</b>	Mica (And) Iron Oxides (CI 77491) (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
1.30	<b>K-RAY® SM BRONZE FLASH</b>	Synthetic Fluorphlogopite (And) Iron Oxides (CI 77491)	<b>Kobo Products</b>
1.00	<b>KTZ® BOLERO CROMATICO-I2</b>	Titanium Dioxide (And) Mica (And) Iron Oxides (CI 77491) (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
<b>100.00</b>			

## Description:

This Bouncy Bronzer formula contains MST-547, which acts as a payoff enhancer. CXG-1104 is a silicone elastomer that provides a silky, powdery after feel. Silane treated filler GMS-11S2 allows us to make a soft-to-touch, texturized cake. This material, in conjunction with ITT treated pearls, contributes to silky feel, bouncy texture and long wear properties. KTZ® BRONZE D OR-I2 and KTZ® BOLERO CROMATICO-I2 offer a unique pearlescent bronzing effect. K-RAY® SM BRONZE FLASH adds a unique orange-gold glittery appearance and long-lasting buildable payoff. PM WAX 82 is a combination of waxes used to structure the formula.

## Manufacturing Procedure:

1. Combine Part 1. Mix until homogeneous. Start to heat up to 80°C.
2. Add Part 2. Mix and maintain 80°C until all dissolved and clear.
3. Sprinkle Part 3 slowly, mix until uniform.
4. Pour into pans.



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KPW-033C-BR

# Natural Powder-to-Glow

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
55.00	<b>MICA S-NPC</b>	Mica (And) Hydrogenated Lecithin	<b>Kobo Products</b>
5.26	<b>BTD-ASG2</b>	Titanium Dioxide (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
5.00	<b>CELLULOBEADS D-10-NPC2</b>	Cellulose (And) Hydrogenated Lecithin	<b>Kobo Products</b>
2.00	<b>MSS-500W</b>	Silica	<b>Kobo Products</b>
1.04	<b>BYO-ASG3</b>	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.49	<b>BRO-ASG3</b>	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.21	<b>BBO-ASG3</b>	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
<b>Part 2</b>			
1.00	Lexgard® Natural	Glyceryl Caprylate (And) Glyceryl Undecylenate	Inolex
<b>Part 3</b>			
11.00	Deionized Water	Water	
<b>Part 4</b>			
7.50	<b>COSMOL™ 43V</b>	Polyglyceryl-2 Triisostearate	<b>Ikeda/Kobo Products</b>
5.00	TEGOSOFT® CT	Caprylic/Capric Triglycerides	Evonik
1.00	ISOLAN® GI 34	Polyglyceryl-4 Isostearate	Evonik
0.50	Tecwax Carnauba T3	Copernicia Cerifera (Carnauba) Wax	Fenix Ceras
<b>Part 5</b>			
4.00	<b>KTZ® EXTRAFINE GOLD</b>	Titanium Dioxide (And) Mica	<b>Kobo Products</b>
1.00	<b>K-RAY® DarkBrown</b>	Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77499)	<b>Kobo Products</b>
<b>100.00</b>			

## Description:

This Natural powder-to-cream formula leaves a radiant finish on the skin. It can be used on both face and body alone, under or over liquid foundation or mixed with moisturizing cream. It features ASG treated pigments coated with amino acid that provide a creamy feel to the formula. Kobo's Silica Microsphere MSS-500W, a wide distribution particle size spherical silica, is added to improve spreadability, slip and silkiness of the formula. MICA S-NPC and CELLULOBEADS D-10-NPC2 are treated with Hydrogenated Lecithin which offers a creamy texture, moisturizing feel and excellent affinity to the skin. COSMOL™ 43V acts as a liquid binder to transform the powder to cream. The combination of KTZ® EXTRAFINE GOLD and K-RAY® DarkBrown impart a bronze glow effect.

## Manufacturing Procedure:

1. Combine Part 1 and mix well until fully dispersed.
2. Add Part 2 to Part 1 and mix well.
3. Heat Part 3 to 80-85°C.
4. Combine Part 4 and heat to 80-85°C.
5. Add Part 3 to Part 4 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.
8. Add Part 5 and mix well.



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# The Simplest Eyeliner in the World

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
73.00	Deionized Water	Water	
1.00	Euxyl® PE 9010	Phenoxyethanol (And) Ethylhexylglycerin	Schulke Myer
<b>Part 2</b>			
1.00	Natrosol® 250 HHR CS	Hydroxyethylcellulose	Ashland
<b>Part 3</b>			
25.00	<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>100.00</b>			

## Description:

This simple formulation utilizes only 3 raw materials to give a high performance liquid eyeliner. It features Kobo's Carbon Black dispersion, WSJ10CB-NP which provides a deep, intense, black color and sufficient film forming in one raw material. 25% of this dispersion is enough to give the perfect level of blackness, quick drying, full non-transfer properties and a good level of water resistance. The formula does not dissolve in contact with water but rather lifts off in one piece when rubbed with warm water.

## Manufacturing Procedure:

1. Disperse Part 2 in Part 1 until completely clear.
2. Add Part 3 and mix until homogeneous under prop stirrer.
3. Check pH. Adjust pH if necessary with citric acid or sodium hydroxide.





KEL-037

# Long Lasting Cream Gel Eyeliner

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
20.00	<b>KOBOGUARD® NATURAL 2063-NDA</b>	Glyceryl Hydrogenated Rosinate (And) C9-12 Alkane	<b>Kobo Products</b>
20.00	<b>PMLVP20CB</b>	Isododecane (And) Isohexadecane (And) Black 2 (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer	<b>Kobo Products</b>
15.00	Belsil TMS 803	Trimethylsiloxysilicate	Wacker Chemical Corporation
8.00	Ozokerite Wax White SP 1020P	Ozokerite	Strahl & Pitch
6.00	<b>PM WAX 82</b>	Polyethylene (And) Microcrystalline Wax	<b>Toray/Kobo Products</b>
5.00	NOMCORT® HK-G	Glyceryl Behenate/Eicosadioate	Ikeda Corp.
5.00	COSMOL™ 222	Diisostearyl Malate	Ikeda Corp.
5.00	<b>MSS-500W</b>	Silica	<b>Kobo Products</b>
<b>Part 2</b>			
16.00	PERMETHYL 99AD	Isododecane	Presperse
<b>100.00</b>			

## Description:

This anhydrous long lasting eyeliner features KOBOWARD® Natural 2063 NDA, a natural film former that forms a water resistant film to provide long wear to this formula. PMLVP20CB is a dispersion of Black 2 in Isododecane, offering deep and intense color to this eye liner. MSS-500W is a silica microsphere that improves payoff and allows the eye liner to have a smooth application. PM WAX 82 is a combination of waxes used to structure the formula.

## Manufacturing Procedure:

- \*Use explosion-proof mixers and equipment during batching process\*
1. Combine Part 1 and heat to 90°C. Mix well under propeller until color is fully dispersed.
  2. Cool to 80°C and add Part 2.
  3. Pour into components at 80°C



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KEY-136A

# Periwinkle Pressed Eyeshadow

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
44.40	<b>SERICITE GMS-4C</b>	Mica	<b>Kobo Products</b>
20.00	<b>KTZ® COLORSET BlueRed</b>	Mica (And) Titanium Dioxide (And) Ferric Ferrocyanide	<b>Kobo Products</b>
10.00	<b>BEUB-NJE3</b>	Ultramarines (And) Jojoba Esters	<b>Kobo Products</b>
10.00	<b>Kobo SMC-BNCS6</b>	Silica (And) Boron Nitride (And) Cellulose	<b>Kobo Products</b>
4.00	<b>ZINC MYRISTATE (MB)</b>	Zinc Myristate	<b>Kobo Products</b>
3.00	<b>ASO-NJE2</b>	Aluminum Starch Octenylsuccinate (And) Jojoba Esters	<b>Kobo Products</b>
1.50	<b>MSS-500/N</b>	Silica	<b>Kobo Products</b>
0.10	<b>AMIHOPE® LL</b>	Lauroyl Lysine	Ajinomoto
<b>Part 2</b>			
5.00	<b>JOJOBA OIL</b>	Simmondsia Chinensis (Jojoba) Seed Oil	Vantage
1.00	<b>LUSPLAN™ DD-DA7</b>	Dimer Dilinoleyl Dimer Dilinoleate	<b>Nippon/Kobo Products</b>
1.00	<b>TEGOSOFT® DEC</b>	Diethylhexyl Carbonate	Evonik
<b>100.00</b>			

## Description:

This Periwinkle Eyeshadow has a creamy feel, matte finish and glides smoothly across eyelids. This eyeshadow features KTZ® COLORSET BlueRed which is a rich blue effect pigment that has a red reflection and imparts the unique two-tone color and visual effect. BEUB-NJE3 which is composed of Ultramarine and Jojoba Esters offers a creamy feel and good affinity to the skin with great pressability. SERICITE GMS-4C is a creamy sericite mica that allows the formula to glide onto lids. Kobo SMC-BNCS6 provides superior softness and tactility, excellent adherence, long-lasting effect and creamy feel. The combination of MSS-500/N and ASO-NJE2 provides the matte effect and smooth after feel. ZINC MYRISTATE (MB) is a dry binder used for skin adherence and powder compressibility. LUSPLAN™ DD-DA7 provides barrier repair and smoothness to eyelids.

## Manufacturing Procedure:

1. Blend Part 1 until color is fully developed.
2. Slowly add Part 2 to Part 1. Continue to blend until uniform.
3. Press at 900 psi.



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KEY-137

# Bronze Medal Marathon Long Wear Eyeshadow

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
32.50	<b>BCC-CSO-NJE4</b>	Calcium Starch Octenylsuccinate (And) Calcium Carbonate (And) Jojoba Esters	<b>Kobo Products Inc.</b>
12.00	<b>KoboMica S-25</b>	Mica	<b>Kobo Products Inc.</b>
10.00	ZINC STEARATE	Zinc Stearate	Strahl & Pitsch
9.00	<b>CARESS® BN06</b>	Boron Nitride	<b>Kobo Products Inc.</b>
4.67	<b>BWBO-ASGP3</b>	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products Inc.</b>
3.13	<b>BWRO-ASGP3</b>	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products Inc.</b>
2.20	<b>BWYO-ASGP3</b>	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products Inc.</b>
<b>Part 2</b>			
14.00	<b>KTZ® MISTERIOSO BRONZE-I2</b>	Mica (And) Iron Oxides (CI 77491) (And) Iron Oxides (CI 77499) (And) Isopropyl Titanium Triisostearate	<b>Kobo Products Inc.</b>
8.00	<b>KTZ® BRONZE-I2</b>	Mica (And) Iron Oxides (CI 77491) (And) Isopropyl Titanium Triisostearate	<b>Kobo Products Inc.</b>
<b>Part 3</b>			
2.00	Protachem™ CTG	Caprylic/Capric Triglyceride	Protameen Chemicals
2.00	Eutanol® G	Octyldodecanol	BASF
0.50	JEECID® CAP-7	Caprylyl Glycol (and) Glyceryl Laurate (and) Glyceryl Undecylenate	Jeen International
<b>100.00</b>			

## Description:

A clean pressed powder eyeshadow with a metallic shimmer finish. This eyeshadow wears for up to 8 hours (all day wear) and provides intense color payoff. The base powder in this formulation is BCC/CSO-NJE4, which is Kobo's talc replacement that touts many of the same properties as talc. KoboMica S-25 offers high slip, excellent skin adhesion, spreadability, and high transparency. CARESS® BN06 imparts spreadability, skin adherence, and degree of skin coverage. Boron Nitride is excellent for enhanced feel and improved compressibility in pressed powders. ASGP is a natural, hybrid treatment that renders powders hydrophobic and super dispersible. They give a creamy feel on the skin and promote skin adhesion in pressed powders. KTZ® Mysterio Bronze-I2 & KTZ® Bronze-I2: are free flowing brown powders that have a bronze reflection color.

## Manufacturing Procedure:

1. Combine part 1 and mix at highest speed for 45 seconds. Scrape the blade and side of the vessel then mix once again at the same speed for 30 seconds or until homogenous.
2. Combine part 1 and part 2 and mix for 30 seconds on low speed or until homogenous.
3. Combine part 1&2 with part 3 and mix for 15 seconds on medium speed. Scrape the side of the vessel and blade the mix again on medium speed for 15 seconds or until everything is homogenous and the binder is fully dispersed.
4. Weigh 3.5-3.75 grams and press at 600psi for each piece.



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KLP-156

# Lipstick-Light Rose (Halal Compliant)

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
39.10	Protachem™ CTG	Caprylic/Capric Triglyceride	Protameen
19.00	<b>OD75CJE</b>	Titanium Dioxide (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	<b>Kobo Products</b>
7.90	<b>OD75RJE</b>	Iron Oxides (CI 77491) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	<b>Kobo Products</b>
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	Strahl & Pitsch
3.00	<b>KoboMica L-27-NJE2</b>	Mica (And) Jojoba Esters	<b>Kobo Products</b>
1.50	<b>CARESS® BN30</b>	Boron Nitride	<b>Bent Tree/Kobo Products</b>
1.00	Lexgard® Natural	Glyceryl Caprylate (And) Glyceryl Undecylenate	Inolex
1.00	<b>SILICA SHELLS</b>	Silica	<b>Kobo Products</b>
1.00	<b>KTZ® SUPERB SILVER</b>	Mica (And) Titanium Dioxide	<b>Kobo Products</b>
1.00	<b>KTZ® SUBLIME WHITE</b>	Mica (And) Titanium Dioxide	<b>Kobo Products</b>
1.00	<b>KTZ® ULTRA SHIMMER</b>	Mica (And) Titanium Dioxide	<b>Kobo Products</b>
1.00	<b>KTZ® CLASSIC WHITE</b>	Mica (And) Titanium Dioxide	<b>Kobo Products</b>
0.90	<b>OD55YJE</b>	Iron Oxides (CI 77492) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	<b>Kobo Products</b>
0.70	Thixcin® R PC	Trihydroxystearin	Elementis Specialties
0.20	<b>OD75BJE</b>	Iron Oxides (CI 77499) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	<b>Kobo Products</b>
<b>100.00</b>			

## Description:

This lipstick contains Kobo's Natural, OD, Pigmentary dispersions. They contain patented NJE, Natural Jojoba Ester surface treatment that enables pigment particles to be rendered hydrophobic. NJE pigments disperse easily, give slip, and adhere to lips. Natural Jojoba Ester-treated powder KoboMica L-27-NJE2 imparts a smooth, even application and good adherence on the lips. CARESS® BN30 is a 30 micron particle size boron nitride that improves feel and gives illuminance. SILICA SHELLS gives a velvet-like effect on the lips. KTZ® Pearlescent Pigments offer unique color and metallic effect.

## Manufacturing Procedure:

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

## Notes:

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



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KLP-166

# Comfort Wear Transfer-Resistant Lipstick

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
11.00	Microcrystalline Wax SP-89	Microcrystalline Wax	Strahl & Pitsch
7.00	Permethyll® 101A	Isohexadecane	Presperse
7.00	Paraffin Wax 434	Paraffin	Strahl & Pitsch
3.00	KOBOGUARD® HRPC	Hydrogenated Polycyclopentadiene (And) Polyethylene (And) Copernicia Cerifera (Carnauba) Wax (And) Tocopherol	Kobo Products
<b>Part 2</b>			
23.00	KOBOGUARD® MQ65TMF	Trimethylsiloxysilicate (And) Methyl Trimethicone	Kobo Products
10.00	KOBOGUARD® 5400 IDD	Hydrogenated Polycyclopentadiene (And) Isododecane	Kobo Products
0.20	CO40SS	Sodium Saccharin (And) Ricinus Communis (Castor) Seed Oil (And) BHT	Kobo Products
<b>Part 3</b>			
8.00	KTZ® ARUBAN CORAL-12	Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77491) (And) Isopropyl Titanium Triisostearate	Kobo Products
7.00	PMLVP45B1A	Blue 1 Lake (And) Isododecane (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Isopropyl Titanium Triisostearate	Kobo Products
5.60	PMLVP40R7D	Isododecane (And) Red 7 Lake (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Isopropyl Titanium Triisostearate	Kobo Products
5.60	PMLVP75R	Iron Oxides (CI 77491) (And) Isododecane (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Isopropyl Titanium Triisostearate	Kobo Products
2.10	PMLVP75B	Iron Oxides (CI 77499) (And) Isododecane (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Isopropyl Titanium Triisostearate	Kobo Products
<b>Part 4</b>			
10.50	Permethyll® 99A	Isododecane	Presperse
<b>100.00</b>			

## Description:

This transfer-resistant lipstick features Kobo's film formers KOBOGUARD® MQ65TMF, KOBOGUARD® HRPC and KOBOGUARD® 5400 IDD. The combination of these three film formers makes the product transfer resistant and comfortable to wear. It also features, PMLVP pigmentary dispersions in Isododecane. PMLVP dispersions provide intense matte coverage to lips. KTZ® ARUBAN CORAL-12 complements the formula with pearlescent shine and Sodium Saccharin dispersion in Castor Oil, CO40SS, gives a sweet and pleasant taste.

## Manufacturing Procedure:

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



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KLP-214

# Lipstick Deluxe with MST-203 & INWP Dispersions

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
37.05	<b>INWP45R7C</b>	Red 7 Lake (And) Isononyl Isononanoate (And) Ozokerite (And) Isopropyl Titanium Triisostearate (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
30.60	<b>INWP75ER</b>	Iron Oxides (CI 77491) (And) Isononyl Isononanoate (And) Ozokerite (And) Isopropyl Titanium Triisostearate (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
6.80	<b>COSMOL™ 222</b>	Diisostearyl Malate	<b>Ikeda</b>
6.45	<b>INWP65U</b>	Titanium Dioxide (And) Isononyl Isononanoate (And) Ozokerite (And) Isopropyl Titanium Triisostearate (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
3.00	<b>KOBOGUARD® 5400 CCT</b>	Hydrogenated Polycyclopentadiene (And) Caprylic/Capric Triglyceride	<b>Kobo Products</b>
3.00	<b>MST-203</b>	Polymethylsilsesquioxane	<b>Kobo Products</b>
0.10	<b>Euxyl® PE 9010</b>	Phenoxyethanol (And) Ethylhexylglycerin	<b>Schulke &amp; Mayr</b>
<b>Part 2</b>			
5.00	<b>Perfomalene™ M 70 Wax</b>	Synthetic Wax	<b>New Phase</b>
5.00	<b>Plandool™-LG1</b>	Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate	<b>Nippon/Kobo Products</b>
3.00	<b>PM WAX 82</b>	Polyethylene (And) Microcrystalline Wax	<b>Toray/Kobo Products</b>
<b>100.00</b>			

## Description:

Lipstick Deluxe is a brightly pigmented chic and stylish product. The formula features PLANDOOL™- LG1, a high melt point waxy material that forms moisture barrier protection on the lips. Kobo's creamy INWP Pigmentary Dispersions ease the manufacturing and laboratory process by melting into the lipstick batch around 75-80°C. They give a uniformly developed background color. PM WAX 82 provides structure to the stick. Kobo's MST-203, which gives a creamy cushion with improved payoff, is used to add smoothness and optical blurring of fine lines and wrinkles on lips. KOBOGUARD® 5400 CCT is added to increase wear.

## Manufacturing Procedure:

1. Combine Part 1. Homogenize until fully developed.▣
2. Add Part 2. Prop mix at 95°C until homogeneous.▣
3. Pour at 80°C.



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KLP-295

# Peeling Lip Tint

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
64.00	D&C Red No. 27 (2% Aqueous Solution)	Red 27	Sensient Cosmetic Technologies
13.05	Selvol™ Ultalux FF	Polyvinyl Alcohol	Sekisui Specialty Chemicals America, LLC
0.20	dermofeel® PA-3	Sodium Phytate (and) Aqua (and) Alcohol	Evonik Dr. Straetmans GmbH
<b>Part 2</b>			
2.00	Butylene Glycol	Butylene Glycol	Ruger Chemical
2.00	GLYCERIN U.S.P. F.C.C. 96%	Glycerin	P&G Chemicals
1.00	Hydrolite® 5 green	Pentylene Glycol	Symrise
1.00	INULIN-SC	Inulin	Nippon Fine Chemical/Kobo Products
0.75	JEECID® CAP-5	Phenoxyethanol (And) Caprylyl Glycol (And) Potassium Sorbate (And) Water (And) Hexylene Glycol	Jeen International
0.50	SymDiol® 68	1,2 Hexanediol (and) Caprylyl Glycol	Symrise
<b>Part 3</b>			
5.00	KOBOGUARD® 50AMP-G	Acrylates/Ethylhexyl Acrylate Copolymer (And) Water (And) Aminomethyl Propanol	Kobo Products
4.00	WSJ22ERAMP-O	Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Iron Oxides (CI 77491) (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Aminomethyl Propanol	Kobo Products
3.00	WSJ20EBAMP-O	Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Iron Oxides (CI 77499) (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Aminomethyl Propanol	Kobo Products
2.00	WSJ28PFAMP-O	Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Titanium Dioxide (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Alumina (And) Aminomethyl Propanol	Kobo Products
1.00	WSJ20EYAMP-O	Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Iron Oxides (CI 77492) (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Aminomethyl Propanol	Kobo Products
<b>Part 4</b>			
0.50	KTZ® INTERFINE RED	Titanium Dioxide (And) Mica	Kobo Products
<b>100.00</b>			

## Description:

This long-lasting peel off lip tint is waterproof and transfer-proof. This formula features KOBOGUARD® 50AMP-G which is a paraben-free water dispersible film former that provides the long wear and waterproofing properties. WSJ pigmentary dispersions in an aqueous acrylic resin offer additional film-forming properties and create the intense color. KTZ® INTERFINE RED provides a pearly and shimmer effect. INULIN-SC is a sugarcane derived moisturizer and humectant.

## Manufacturing Procedure:

1. Combine Part 1 and heat to 85°C. Mix well until Polyvinyl Alcohol dissolves completely.
2. Add Part 2 to Part 1. Continue mixing.
3. Premix Part 3 then add to Parts 1 and 2. Mix until uniform.
4. Sprinkle in Part 4. Mix until homogenous.



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KFL-241

# Concealer Deodorant Stick

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
25.00	<b>KOBOGUARD® MQ65TMF</b>	Trimethylsiloxysilicate (And) Methyl Trimethicone	<b>Kobo Products</b>
2.00	<b>BELSIL® TMS 803</b>	Trimethylsiloxysilicate	Wacker
<b>Part 2</b>			
7.16	<b>Cetiol® Ultimate</b>	Undecane (and) Tridecane	BASF
6.19	<b>ZnO-C-ASG3J</b>	Zinc Oxide (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
3.09	<b>RBTD-I2</b>	Titanium Dioxide (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
0.82	<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>
0.29	<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>
0.15	<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>			
10.00	<b>Compritol® CG 888 Pellets</b>	Glycerol Behenate	Gattefossé
7.00	<b>Pelemol® GTB</b>	Tribehenin	Phoenix Chemical
3.00	<b>Bentone® Luxe WO</b>	Polyglyceryl-6 Polyricinoleate (And) Polyglyceryl-3 Diisostearate (And) Disteardimonium Hectorite	Elementis
1.50	<b>Ultrapure GML</b>	Glyceryl Laurate	Ultra Chemical, Inc.
<b>Part 4</b>			
5.80	<b>GMS-ASG3</b>	Mica (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
5.00	<b>MSS-500W</b>	Silica	<b>Kobo Products</b>
0.50	<b>SILICA SHELLS-SH</b>	Silica (And) Methoxy Amodimethicone/Silsesquioxane Copolymer	<b>Kobo Products</b>
<b>Part 5</b>			
5.50	<b>Deionized Water</b>	Water	
2.00	<b>Cola@Lipid C</b>	Cocamidopropyl PG-Dimonium Chloride Phosphate	Colonial Chemical, Inc.
<b>Part 6</b>			
10.00	<b>Bentone Gel® ISD V</b>	Isododecane (And) Disteardimonium Hectorite (And) Propylene Carbonate	Elementis
5.00	<b>Permethy® 99A</b>	Isododecane	Presperse
<b>100.00</b>			

## Description:

This light beige, soft spreading deodorant/concealing stick is designed for women with highly-pigmented skin, to help with underarm discoloration (due to either shaving or heredity). PMLVP dispersions give the concealing beige color. KOBOGUARD® MQ65TMF prevents the transfer of color onto clothing. ZnO-C ASG3J and RBTD-I2 provide color opacity. GMS-ASG3 is a naturally treated, talc-free filler. MSS-500W and SILICA SHELLS-SH give antiperspirant properties.

### TO APPLY:

Spread stick lightly under arms, paying special attention to dark or highly-pigmented areas. Smooth product with fingertips until dark and pigmented areas are smoothly and fully concealed. Allow product to dry (1-2 minutes) before dressing.

## Manufacturing Procedure:

NOTE: Batch contains volatiles. To minimize the heating time of batch, pre-weigh and pre-mix each phase prior to Step 1.

1. In main vessel, homogenize Part 1 while heating to 70-75°C. Homogenize until all powder is thoroughly dispersed and the batch is smooth.
2. Add Part 2 and homogenize until smooth; maintain temperature to keep thin.
3. Add Part 3 and re-heat batch with stirring. DO NOT EXCEED 80°C.
4. Blend together Part 4 and add to batch in small increments; slowly homogenize each addition until smooth (maintain temperature).
5. Pre-mix Part 5 and add to the batch with moderate homogenization.
6. Right before dropping, homogenize pre-mixed Part 6 into batch. Drop immediately.



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KFL-294A

# Tinted ZnO Sunscreen For All Skin Types



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
58.40	<b>GCP45XZJ</b>	Caprylic/Capric Triglyceride (And) Zinc Oxide (And) Polyhydroxystearic Acid (And) Jojoba Esters	<b>Kobo Products</b>
10.99	Protachem™ CTG	Caprylic/Capric Triglyceride	Protameen
8.25	<b>CXG-1104</b>	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	<b>Avantor/Kobo Products</b>
6.60	X-22-6711D	Dimethicone (And) PEG/PPG-18/18 Dimethicone	Shin-Etsu
2.75	<b>KOBOGUARD® MQ60DM</b>	Trimethylsiloxysilicate (And) Dimethicone	<b>Kobo Products</b>
1.35	COSMOL™ 43V	Polyglyceryl-2 Triisostearate	Ikeda
0.55	PANALANE® H-300E	Hydrogenated Polyisobutene	Vantage
0.30	<b>GCG50TRSG</b>	Iron Oxides (CI 77491) (And) Caprylic/Capric Triglyceride (And) Polyglyceryl-3 Diisostearate (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.10	<b>GCG50TYSG</b>	Iron Oxides (CI 77492) (And) Caprylic/Capric Triglyceride (And) Polyglyceryl-3 Diisostearate (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.05	<b>AQUA KEEP 10SH-NFC</b>	Sodium Acrylates Crosspolymer-2	<b>Sumitomo Seika/Kobo Products</b>
<b>Part 2</b>			
0.01	<b>KTZ® EBONY-11S4</b>	Iron Oxides (CI 77499) (And) Mica (And) Triethoxycaprylsilane	<b>Kobo Products</b>
<b>Part 3</b>			
0.55	Pelemol® GTB	Tribehenin	Phoenix Chemical
<b>Part 4</b>			
5.80	Deionized Water	Water	
1.00	Lexgard® Natural MB	Glyceryl Caprylate (and) Glyceryl Undecylenate	Cosmotec
0.55	SUPEROL® KPO, GLYCERIN 99.7% USP/FCC (KOSHER)	Glycerin	P&G Chemicals
<b>Part 5</b>			
2.75	<b>MSS-500W</b>	Silica	<b>Kobo Products</b>
<b>100.00</b>			

## Description:

This formula is our newest tinted sunscreen. It does not show whitening or blue cast on any skin tone on application. This lightweight and easy to spread product offers flawless and natural looking skin. GCP45XZJ provides UV protection. CXG-1104, a silicone elastomer, improves feel upon application. Transparent Iron Oxide dispersions, GCG50TRSG and GCG50TYSG, and KTZ® EBONY-11S4 create the tint. MSS-500W provides a silky, dry and soft feel. KOBOGUARD® MQ60DM is a film former that improves water resistance. AQUA KEEP 10SH-NFC gels the aqueous phase and offers stability to the formula.

## Manufacturing Procedure:

1. Homogenize Part 1. Mix until uniform.
2. Sprinkle in Part 2, homogenize until uniform.
3. Switch to propeller mixer. Begin heating to 65°C
4. Add Part 3, prop mix until completely melted and uniform. Begin cooling batch to 40°C.
5. In a side beaker combine Part 4, mix until uniform.
6. With slow homogenization add Part 4 to Part 1,2,3. Mix until uniform.
7. Slowly sprinkle in Part 5, homogenize until uniform while cooling to 28°C.

## Active Ingredient(s):

Zinc Oxide 24.97%

## Testing:

SPF: in vivo on 5 subjects  
CW: FDA method



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KFL-310

# Charcoal Face Wash for Men

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
27.82	Deionized Water	Water	
27.20	Ritafactant SFE	Lauryl Glucoside (And) Sodium Lauroyl Sarcosinate (And) Disodium Cocoamphodiacetate (And) Sodium Lauroyl Lactylate	RITA
8.70	Iselux	Sodium Lauroyl Methyl Isethionate	Innospec Chem
0.10	Demofeel PA-3	Sodium Phytate (and) Aqua (and) Alcohol	Kinetik Technologies, Inc.
0.04	CITRIC ACID USP ANHYDROUS FINE GRANULAR	Citric Acid	VWR Scientific Products
<b>Part 2</b>			
10.00	Deionized Water	Water	
1.00	<b>CHARCOAL POWDER</b>	Charcoal Powder	<b>Kobo Products</b>
<b>Part 3</b>			
7.75	Carbopol Aqua SF-1	Acrylates Copolymer	Lubrizol
<b>Part 4</b>			
1.95	SODIUM HYDROXIDE 5 N (20% weight/volume)	Water (And Sodium Hydroxide)	Ricca Chemical Company
<b>Part 5</b>			
9.00	Deionized Water	Water	
0.11	Ritaquta 400	Polyquaternium-10	RITA
<b>Part 6</b>			
4.90	JEETERIC CAB-LC	Water (And) Cocamidopropyl Betaine	Jeen International
0.50	<b>Gs-PPYS</b>	Water (And) Pentylene Glycol (And) Papain (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Hydrogenated Lecithin	<b>Kobo Products</b>
<b>Part 7</b>			
0.80	PHENOXYETOL	Phenoxyethanol	Clariant
0.13	CE-181964 Bergamot Tea	Fragrance	Custom Essence
<b>100.00</b>			

## Description:

This face wash will help your skin feel cleaner and refreshed. The CHARCOAL POWDER will remove oil and impurities from the skin. The Gs-PPYS will remove dead skin leaving the face feeling refreshed and younger looking.

## Manufacturing Procedure:

1. In the main vessel mix part 1 to 55 - 60 °C while mixing. Mix until melted and clear
2. pre-mix part 2 in a side beaker and add to part 1
3. slowly add part 3 to part 1,2
4. slowly mix while cooling batch to 25 -30 °C
5. when batch is uniform add part 4 to part 1,2,3, continue to slow mix for 1 hour
6. pre-mix part 5 in a side beaker until uniform
7. slowly add part 6 to part 5 and mix until uniform, and part 5,6 to part 1,2,3,4
8. add part 7 one ingredient at a time while slow mixing



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KHP-046

# Beard and Mustache Touch Up for Greys

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
10.00	<b>BWBO-11SP (C33-7001)</b>	Iron Oxides (CI 77499) (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
8.00	Beeswax White SP 422	Beeswax	Strahl & Pitsch
6.00	Carnauba Wax SP 63P	Copernicia Cerifera (Carnauba) Wax	Strahl & Pitsch
3.50	Ozokerite Wax White SP 1020	Ozokerite	Strahl & Pitsch
2.00	Microcrystalline Wax SP-89	Microcrystalline Wax	Strahl & Pitsch
2.00	<b>KOBOGUARD® 5400 SQ</b>	Hydrogenated Polycyclopentadiene (And) Squalane	<b>Kobo Products</b>
1.00	Liposorb® SQO	Sorbitan Sesquioleate	Vantage
<b>Part 2</b>			
47.40	Deionized Water	Water	
1.00	TRIS AMINO® ULTRA PC	Tromethamine	Angus Chemical Company
0.20	Natrosol® 250 HHR CS	Hydroxyethylcellulose	Ashland
<b>Part 3</b>			
5.00	Deionized Water	Water	
1.30	JEECID® CAP-7	Caprylyl Glycol (and) Glyceryl Laurate (and) Glyceryl Undecylenate	Jeen International
0.60	Jeeicide CAP-5	Phenoxyethanol (And) Caprylyl Glycol (And) Potassium Sorbate (And) Water (And) Hexylene Glycol	Jeen International
<b>Part 4</b>			
2.00	<b>MSS-500/3H</b>	Silica	<b>Kobo Products</b>
<b>Part 5</b>			
10.00	<b>DAITOSOL 5000AD</b>	Acrylates Copolymer (And) Water	<b>Daito/Kobo Products</b>
100.00			

## Description:

This formula is designed to touch-up greys on the beard and mustache. KOBOGUARD® 5400 SQ film former, gives quick build up with a water-resistant film, and aids in long wear. BWRO-11SP (C33-8001) gives excellent color development. MSS=500/3H gives thickness and body to the formula and is lightweight. DAITOSOL 5000AD is used to produce a long-wearing film and provide water resistance.

## Manufacturing Procedure:

1. Mix and heat Part 1 to 80°C.
2. In Part 2 while heating, add Natrosol® 250 HHR CS to deionized water under propeller mixing. Mix until Natrosol® 250 HHR CS is fully hydrated. Add the rest of Part 2. Heat to 80°C.
3. Add Part 1 to Part 2 under propeller mixing by 80°C.
4. Cool down in a water bath to 70°C. Add Part 3. Mix under propeller.
5. Add Part 4 to the main batch. Mix under propeller.
6. Cool to 40°C and add Part 5 under propeller mixing.
7. Continue mixing until 25°C.



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KFL-111B

# Light Cushioned Blurring Primer

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
55.40	Deionized Water	Water	
5.00	<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>
3.00	Butylene Glycol	Butylene Glycol	Ruger Chemical
1.30	JEECID® CAP-7	Caprylyl Glycol (and) Glyceryl Laurate (and) Glyceryl Undecylenate	Jeen International
1.00	<b>Gs-GTS</b>	Water (And) Pentylene Glycol (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Camellia Sinensis Leaf Extract (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Hydrogenated Lecithin	<b>Kobo Products</b>
1.00	<b>Gs-PPYS</b>	Water (And) Pentylene Glycol (And) Papain (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Hydrogenated Lecithin	<b>Kobo Products</b>
<b>Part 2</b>			
11.00	Protachem™ CTG	Caprylic/Capric Triglyceride	Protameen
5.50	<b>EA-209</b>	Ethylene/Acrylic Acid Copolymer	<b>Sumitomo Seika/Kobo Products</b>
5.00	<b>SEQ-MH5</b>	Polymethylsilsesquioxane (And) Silica	<b>N&amp;M/Kobo Products</b>
4.00	SALACOS® 99	Isononyl Isononanoate	Ikeda
3.00	Abil® Care XL 80	Bis-PEG/PPG-20/5 PEG/PPG-20/5 Dimethicone (And) Methoxy PEG/PPG-25/4 Dimethicone (And) Caprylic/Capric Triglyceride	Evonik
3.00	<b>BPD-500W</b>	HDI/Trimethylol Hexyllactone Crosspolymer (And) Silica	<b>Kobo Products</b>
1.00	Liposorb® O	Sorbitan Oleate	Vantage
<b>Part 3</b>			
0.80	Sepigel™ 305	Polyacrylamide (And) C13-14 Isoparaffin (And) Laureth-7	ChemYUnion/Seppi c
<b>100.00</b>			

## Description:

This light-on-the-skin, cushion primer blurs imperfections, fills pores and wrinkles, and gives smoothness to skin to prep the face and extend makeup wear. It features Kobo's Glycospheres Gs-PPYS and Gs-GTS. Active ingredients, papain and green tea polyphenols, are released from the systems to both protect the skin and replenish it. Avantor's CES-1104 is an encapsulated elastomer gel that can be added to the water phase or post emulsification. Upon application the encapsulated CES materials break and offer an initial refreshing feel that is followed by a velvety silicone after feel. Hydrophilic Silicone Resin, SEQ-MH5, offers a smooth application with good payoff and soft focus effect. Microspheres, BPD-500W and EA-209 create a natural blurring effect that minimizes the look of lines and wrinkles and illuminates the skin.

## Manufacturing Procedure:

1. Combine Part 1 and homogenize.
2. Pre-mix Part 2 and add to Part 1 under homogenization.
3. Add Part 3 and homogenize.



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KPR-002-EU

# Pore Vanish Putty Primer SPF

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
13.23	DUB ZENOAT	Propanediol Dicaprylate	Stearinerie Dubois
7.00	TNP65MZS	Zinc Oxide (And) C12-15 Alkyl Benzoate (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane	Kobo Products
7.00	INP70ZSI	Zinc Oxide (And) Isononyl Isononanoate (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane	Kobo Products
6.50	BPD-500W	HDI/Trimethylol Hexyllactone Crosspolymer (And) Silica	Kobo Products
6.50	Diasphere® KS-1000C	Polymethylsilsesquioxane	Kobo Products
3.75	KF-6038	Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone	Shin-Etsu
2.50	TALC AJM	Talc	Kobo Products
2.00	MSS-500/3N	Silica	Kobo Products
2.00	KSG-320	PEG-15/Lauryl Dimethicone Crosspolymer	Shin-Etsu
0.30	BTD-ASGP3	Titanium Dioxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	Kobo Products
0.01	BWYO-ASGP3	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	Kobo Products
0.01	BWRO-ASGP3	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	Kobo Products
<b>Part 2</b>			
3.70	Beeswax Yellow	Beeswax	Koster Keunen
3.70	Akofine P	Hydrogenated Vegetable Oil	AAK
<b>Part 3</b>			
7.00	Purolan® IDD	Isododecane	Lanxess
<b>Part 4</b>			
28.00	Deionized Water	Water	
5.00	Butylene Glycol	Butylene Glycol	Univar
1.00	Mg Sulfate Heptahydrate	Magnesium Sulphate Heptahydrate	Fisher Scientific
0.40	SymDiol® 68	1,2-Hexanediol (And) Caprylyl Glycol	Symrise
0.40	Symsave® H	Hydroxyacetophenone	Symrise
<b>100.00</b>			

## Description:

This is a hot pour, w/o emulsion system that has a putty-like texture. This formula can be applied to the face evenly with a sponge to give a thin layer for an instant pore vanishing effect. If applying foundation on top, leave it to set for a few minutes. A combination of very small particle size (INP70ZSI) and medium particle size (TNP65MZS) Zinc Oxide dispersions gives UV protection. BPD-500W, Diasphere® KS-1000C, MSS-500/3N and TALC AJM are responsible for the pore vanishing effect. A very small amount of ASGP-treated pigments gives the dusty pink color and are easily dispersed in situ with minimal energy input.

## Manufacturing Procedure:

1. Prepare Part 1 and homogenize until smooth.
2. Add Part 2 to Part 1 and heat until waxes are melted.
3. Add Part 3 and heat up to 75 °C.
4. Prepare Part 4 and heat upto 75 °C
5. Emulsify under Silverson 2500-3000 rpm for 2 minutes, until totally homogenous and slightly thickened.
6. Pour at 73 °C and refrigerate for 15 minutes to set.

## Active Ingredient(s):

Zinc Oxide

8.96%



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KCC-026A

# Soft Focus Photo Finish Concealer

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
12.00	BELSIL® WO 5000	Dimethicone (and) Caprylyl Dimethicone Ethoxy Glucoside	Wacker Chemical Corporation
5.00	KoboBlur™ 100 Natural	Silica (And) Cellulose (And) Mica (And) Barium Sulfate (And) Titanium Dioxide (And) Jojoba Esters	Kobo Products Inc.
5.00	CXG-1104	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	Avantor/Kobo Products
3.00	Silkflo® 364	Hydrogenated Polydecene	Vantage Personal Care
2.00	ASO-NJE2	Aluminum Starch Octenylsuccinate (And) Jojoba Esters	Kobo Products Inc.
2.00	KSG-710	Dimethicone (and) Dimethicone/Polyglycerin-3 Crosspolymer	Shin-Etsu Silicones of America
1.50	Lameform® TGI	Polyglycerol-3 Diisostearate	BASF Care Creations
1.00	BELSIL® TMS 803	Trimethylsiloxysilicate	Wacker Chemical Corporation
1.00	Liponate™ TDTM	Tridecyl Trimellitate	Vantage Personal Care
1.00	XIAMETER™ PMX-200 Silicone Fluid 5.0 cSt	Dimethicone	Dow Chemical - Home and Personal Care
0.01	Tinogard® TT	Pentaerythrityl Tetra-di-t-butyl Hydroxyhydrocinnamate	BASF Care Creations
<b>Part 2</b>			
3.00	Dermol DCC	Dicapryl Carbonate	Alzo International Inc.
0.60	BENTONE® 38	Disteardimonium Hectorite	Elementis
0.20	PROPYLENE CARBONATE	Propylene Carbonate	Sigma Aldrich
<b>Part 3</b>			
17.26	BTD-11SP	Titanium Dioxide (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid	Kobo Products Inc.
2.08	BWYO-11SP (C33-9001)	Iron Oxides (CI 77492) (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid	Kobo Products Inc.
0.40	BWRO-11SP (C33-8001)	Iron Oxides (CI 77491) (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid	Kobo Products Inc.
0.26	BWBO-11SP (C33-7001)	Iron Oxides (CI 77499) (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid	Kobo Products Inc.
<b>Part 4</b>			
1.49	XIAMETER™ PMX-200 Silicone Fluid 5.0 cSt	Dimethicone	Dow Chemical - Home and Personal Care
<b>Part 5</b>			
31.60	Deionized Water	Water	-
4.00	Butylene Glycol	Butylene Glycol	Univar
3.00	GLYCERIN U.S.P. F.C.C. 96%	Glycerin	Ruger Chemical
1.50	Magnesium Sulfate Heptahydrate	Magnesium Sulfate	Sigma Aldrich
0.90	EUXYL PE 9010	Phenoxyethanol (And) Ethylhexylglycerin	Ashland
0.10	Keltrol® CG	Xanthan Gum	CP Kelco
0.10	Natrlquest™ E30	Trisodium Ethylenediamine Disuccinate	Innospec Performance Chemicals
100.00			

## Description:

A medium to full coverage, multipurpose concealer that provides crease proof long wear and blurs imperfections, brightens skin tone, and corrects all in one. CXG-1104 is a high purity elastomer gel which brings a matte and soft focus effect to formulations. KoboBlur™ 100 Natural is a Soft Focus Complex made only of minerals and natural ingredients, using no plastic particles, with complimentary refractive indexes to scatter light in a wide range of formulas. This soft focus effect minimizes imperfections, blemishes, pores, and fine lines on the skin. ASO-NJE2 is a hydrophobically modified natural polymer, used as talc replacement. It improves aesthetics by reducing the greasiness of the formula and helps to absorb excess sebum from the skin, which leaves a dry and matte finish. Kobo's 11SP-treated pigments that disperse easily create the shade and provide a nice silky feel. This dual treatment allows for a higher pigment load to be achieved without drastically increasing viscosity.

## Manufacturing Procedure:

1. Combine part 1 and mix under homogenizer at 1200rpm for 10-15 minutes at 70-75° C.
2. Premix phase 2 separately until bentone begins to gel. Add to main vessel under homogenizer at 1200-1500rpm for 15-20 min or until bentone is fully dispersed.
3. Combine phase 3 and pulverize for two 30-sec. intervals. Scrape blade and side of vessel in between the intervals. Add phase 3 and 4 to main beaker and homogenize at 2500-3500rpm for 20-30 min at 70-75° C.
4. Premix xanthan gum and glycerin. Add this premix and the rest of phase 5 and propeller mix at 70-75° C for 20 min. or until water phase is homogenous.
5. Add phase 5 to main beaker slowly while homogenizing at 5000-5500rpm. Let the batch homogenize for 10-15 min at 65-70° C.

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# KOBO

*The Powder & Dispersion  
Specialist*



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