

# FORMULARY

ExpoCosmética 2022

**KOBO**

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KSL-462A-EU

# Ultra Light Daily UV Defense - Sheer Tint



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
22.00	<b>TNP65MZS</b>	Zinc Oxide (And) C12-15 Alkyl Benzoate (And) Polyhydroxystearic Acid (And) Triethoxycaprylsilane	<b>Kobo Products</b>
18.00	<b>NHP55STS</b>	Titanium Dioxide (And) C13-15 Alkane (And) Stearic Acid (And) Aluminum Hydroxide (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
10.41	Purolan IDD	Isododecane	Lanxess
8.00	Dub Zenoot	Propanediol Dicaprylate	Stearinerie Dubois
4.00	<b>SunBoost ATB</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
4.00	<b>KOBOGUARD® MQ60DM</b>	Trimethylsilyloxysilicate (And) Dimethicone	<b>Kobo Products</b>
3.00	KF-6038	Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone	Shin-Etsu
2.00	KSG-820	Lauryl Dimethicone Polyglycerin-3 Crosspolymer (And) Isododecane	Shin-Etsu
<b>Part 2</b>			
3.00	Garamite 7308 XR	Quaternium 90 Sepiolite (And) Quaternium 90 Montmorillonite	Eckart
<b>Part 3</b>			
13.00	Water	Aqua	
5.00	Butylene Glycol	Butylene Glycol	Univar/Oxea
1.00	Mg Sulfate Hept	Magnesium Sulfate Heptahydrate	Fisher Scientific
1.00	SymDiol® 68	1,2-Hexanediol (And) Caprylyl Glycol	Symrise
<b>Part 4</b>			
3.00	<b>MSS-500/N</b>	Silica	<b>Kobo Products</b>
2.00	<b>CELLULOBEADS D-10-NPC2</b>	Cellulose (And) Hydrogenated Lecithin	<b>Kobo Products</b>
0.40	<b>DIM2F45TRY</b>	Dimethicone (And) Iron Oxides (CI 77492) (And) PEG-9 Polydimethylsiloxyethyl Dimethicone (And) Hydrogen Dimethicone (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate	<b>Kobo Products</b>
0.14	<b>DIM2F50TRR</b>	Dimethicone (And) Iron Oxides (CI 77491) (And) PEG-9 Polydimethylsiloxyethyl Dimethicone (And) Hydrogen Dimethicone (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate	<b>Kobo Products</b>
0.05	<b>KTZ® EBONY</b>	Iron Oxides (CI 77499) (And) Mica	<b>Kobo Products</b>
<b>100.00</b>			

## Description:

A w/si fluid emulsion designed for daily broad spectrum UV protection characterized by its light-as-air application and the café au lait color. It contains NHP55STS, a natural, pourable, TiO<sub>2</sub> dispersion with 44% active level in combination with TNP65MZS, a larger particle size, pourable, non-nano Zinc Oxide dispersion with 61% active level for high UVB and UVA protection, boosted by SunBoost ATB. The film former KOBOGUARD® MQ60DM is used to help create an even deposition of filters on the skin. KTZ® EBONY, a black pearl, DIM2F50TRR and DIM2F45TRY, red and yellow transparent iron oxide dispersions, are used at low levels to create the café au lait bulk color of the formula, which vanishes upon application, to leave a completely sheer, glowy look, even on darker skin tones. This microplastic-free formula makes use of the slip and ball bearing effect given by MSS-500/N and the softness given by CELLULOBEADS D-10-NPC2 to create a skin feel normally attributed to PMMA.

## Manufacturing Procedure:

1. Combine Part 1. Add Part 2 to Part 1 under homogenizer, 3000 rpm for 5 minutes to disperse it.
2. Prepare Part 3.
3. Add Part 3 to Parts 1 and 2 under prop stirrer, 1000 rpm.
4. Add Part 4, mix.

## Active Ingredient(s):

Titanium Dioxide	7.92%
Zinc Oxide	13.42%

## Testing:

SPF: in vivo on 5 subjects  
 UVA-PF: in vitro method  
 CW: FDA method



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KSL-463B-EU

# Silicone Free, Mineral, Cold Process Sunscreen Lotion



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
24.00	SO60MZJ	Zinc Oxide (And) Helianthus Annuus (Sunflower) Seed Oil (And) Jojoba Esters	Kobo Products
18.00	NHP55STS	Titanium Dioxide (And) C13-15 Alkane (And) Stearic Acid (And) Aluminum Hydroxide (And) Polyhydroxystearic Acid	Kobo Products
5.00	Dub Zenoat	Propylenediol Dicaprylate	Stearinerie Dubois
4.00	SunBoost ATB	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
3.50	VegeLight™ 1214 LC	Coconut Alkanes (And) Coco-Caprylate/Caprates	Grant Industries
3.00	Polyaqual VO4	Polyglyceryl-4 Oleate (and) Polyglyceryl-6 Oleate (and) Polyhydroxystearic Acid	Innovacos
<b>Part 2</b>			
33.70	Deionized Water	Water	
2.10	Glycerin	Glycerin	Interchemie
1.50	MgSO4 7H2O	Magnesium Sulphate Heptahydrate	Fisher Scientific
0.70	SymDiol® 68	1,2-Hexanediol (And) Caprylyl Glycol	Symrise
0.50	Sensiva PA 40	Phenylpropanol (and) Propanediol (and) Caprylyl Glycol (and) Tocopherol	Schulke and Meyer
<b>Part 3</b>			
2.00	MSS-500/N	Silica	Kobo Products
2.00	CELLULOBEADS D-10-NPC2	Cellulose (And) Hydrogenated Lecithin	Kobo Products
100.00			

## Description:

This cold process lotion is characterized by its surprisingly light application, despite being silicone-free and w/o. It rubs in easily without leaving a white cast. The formulation is very easy to produce with minimal energy input. It contains NHP55STS, a natural, pourable, TiO2 dispersion with 44% active level in combination with SO60MZJ, a large particle size non-nano Zinc Oxide dispersion with 57% active level for high UVB and UVA protection, boosted by SunBoost ATB. This microplastic-free formula makes use of the slip and ball bearing effect given by MSS-500/N and the softness given by CELLULOBEADS D-10-NPC2 to create a skin feel normally attributed to microplastics.

## Manufacturing Procedure:

- 1# Mix Part 1.
2. Mix Part 2.
- 3# Make the emulsion by adding Part 2 to Part 1 under prop stirrer - 1000 rpm for 3-4 min.
- 4# Move to homogenizer 3500 rpm for 3-4 min.
- 5# Move to prop stirrer and add Part 3.

## Active Ingredient(s):

Titanium Dioxide	7.90%
Zinc Oxide	13.70%

## Testing:

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



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KSL-476-EU

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



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
25.00	<b>ZnO-660-ASGP7</b>	Zinc Oxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
19.00	Emotion Light	Tripelargonin	Roelmi HPC
17.40	Dub Zenoat	Propanediol Dicaprylate	Stearinerie Dubois
12.00	<b>NHP55STS</b>	Titanium Dioxide (And) C13-15 Alkane (And) Stearic Acid (And) Aluminum Hydroxide (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
3.00	<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>			
4.00	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>			
4.00	<b>CELLULOBEADS D-10-NPC2</b>	Cellulose (And) Hydrogenated Lecithin	<b>Kobo Products</b>
4.00	<b>MSS-500/N</b>	Silica	<b>Kobo Products</b>
1.50	<b>KTZ® INTERFINE RED</b>	Titanium Dioxide (And) Mica	<b>Kobo Products</b>
1.50	<b>KTZ® INTERFINE GOLD</b>	Mica (And) Titanium Dioxide	<b>Kobo Products</b>
1.00	<b>MSS-500/3H</b>	Silica	<b>Kobo Products</b>
<b>100.00</b>			

## Description:

This easy-to-use, waterless, 3-in-1 product is a sunscreen primer that also gives a glow effect to the skin, containing mostly vegetal and mineral origin ingredients. The formula contains ZnO-660-ASGP7, a Zinc Oxide powder with very high transparency, to provide UV protection. ASGP treatment ensures that the Zinc Oxide can be well dispersed at low energy, adding to the environmentally friendly credentials of the formulation, whilst ensuring a consistently maximized SPF. It also contains a very light and transparent TiO2 dispersion, NHP55STS, to contribute to SPF protection along with SunBoost ATB for UV protection boosting and skin protecting efficacy. 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. KTZ® INTERFINE RED and GOLD are 5-25 micron particle size interference pearls that are responsible for the glow effect.

## Manufacturing Procedure:

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

## Active Ingredient(s):

Titanium Dioxide	5.28%
Zinc Oxide	23.25%

## Testing:

SPF: in vivo on 5 subjects  
UVA-PF: in vitro method  
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	TEGO® Care PBS 6 MB	Polyglyceryl-6 Stearate (and) Polyglyceryl-6 Behenate	Evonik
2.00	<b>SunBoost ATB Natural</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
2.00	PolyAquil™-LW	Polyglyceryl-4 Laurate, Polyglyceryl-6 Laurate	Innovacos
2.00	EMOGREEN™ L19	C15-19 Alkane	SEPPIC
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>
1.00	Estearato Emulsionável "GMS SE" (Cera de Coco)	Glyceryl Stearate SE	Engenharia das Essências
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	Xanthan 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>
100.00			

## 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.

## 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. Cool to 45°C under stirring.
5. Add Part 3 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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KSL-378A-EU

# Tinted Sunscreen with IR Protection



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

## Manufacturing Procedure:

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

## Active Ingredient(s):

Titanium Dioxide	5.30%
Zinc Oxide	13.70%

## Testing:

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



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KEL-037

# Long Lasting Cream Gel Eyeliner

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

## Description:

This anhydrous long lasting eyeliner features KOBOGUARD® 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.

## 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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KMA-093A

# Periwinkle Wax-Free Anhydrous Mascara

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
15.00	<b>KOBOGUARD® MQ75ETS</b>	Trimethylsiloxysilicate (And) Ethyl Trisiloxane	<b>Kobo Products</b>
10.00	<b>PMLVP70UB</b>	Ultramarines (And) Isododecane (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Triethoxycaprylylsilane	<b>Kobo Products</b>
5.00	Permethyl® 99A	Isododecane	Cosmotec
5.00	<b>HL7M5</b>	Hydrogenated Polyisobutene (And) Silica	<b>Kobo Products</b>
<b>Part 2</b>			
15.00	<b>KOBOGUARD® 5400 IDD</b>	Hydrogenated Polycyclopentadiene (And) Isododecane	<b>Kobo Products</b>
<b>Part 3</b>			
25.00	<b>KTZ® COLORSET BlueRed</b>	Mica (And) Titanium Dioxide (And) Ferric Ferrocyanide	<b>Kobo Products</b>
12.00	ImerCare® 08K(S)	Kaolin	Imerys
12.00	<b>MSS-500/N</b>	Silica	<b>Kobo Products</b>
<b>Part 4</b>			
1.00	Euxyl® PE 9010	Phenoxyethanol (And) Ethylhexylglycerin	Schulke & Mayr
<b>100.00</b>			

## Description:

This formulation is 100% anhydrous, waterproof and extremely long-lasting. This mascara does not contain waxes and is composed of volatile materials. The unique shade is achieved by a combination of PMLVP70UB and KTZ® COLORSET BlueRed. Two oil phase film formers, KOBOGUARD® MQ75ETS and KOBOGUARD® 5400 IDD, are added for lash lengthening, long wear and to prevent smudging, raccoon eyes and flaking. MSS-500/N provides volume and adherence to the lashes. With each additional coat applied, lashes become thicker and more volumized. HL7M5, a 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.
2. Slowly add Part 2 to Part 1 under propeller mixer.
3. Sprinkle Part 3 with continued mixing.
4. Add Part 4. Mix well until batch is uniform.



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KLP-289

# Orange-Red Semi-Matte Lipstick

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
16.70	Eutanol® G	Octyldodecanol	BASF
16.50	Neosolue™-DiSM	Diisostearyl Malate	Nippon/Kobo Products
10.00	Plandool™-MAS	Phytosteryl Macadamiate	Nippon/Kobo Products
10.00	Crystal™ O	Ricinus Communis (Castor) Seed Oil	Vertellus LLC
2.50	DERMOL 99	Isononyl Isononanoate	Alzo International
2.00	Protachem™ CTG	Caprylic/Capric Triglyceride	Protameen
1.80	Dermol 816	Ethylhexyl Palmitate	Alzo International
1.00	SunBoost ATB	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
<b>Part 2</b>			
2.00	CPF-3300@10cSt	Phenyl Trimethicone	Avantor/Kobo Products
<b>Part 3</b>			
7.00	PM WAX 82	Polyethylene (And) Microcrystalline Wax	Toray/Kobo Products
5.00	Paraffin Wax Sp-173	Paraffin Wax	Strahl & Pitsch
2.00	CARNAUBA WAX SP 63P	Copernicia Cerifera (Carnauba) Wax	Strahl & Pitsch
<b>Part 4</b>			
10.00	CO30R6B	Ricinus Communis (Castor) Seed Oil (And) Red 6 Lake (And) Isopropyl Titanium Triisostearate	Kobo Products
5.00	CO30R30A	Ricinus Communis (Castor) Seed Oil (And) Red 30 Lake (And) Isopropyl Titanium Triisostearate	Kobo Products
0.50	CO45Y	Iron Oxides (CI 77492) (And) Ricinus Communis (Castor) Seed Oil (And) Isopropyl Titanium Triisostearate	Kobo Products
<b>Part 5</b>			
3.00	KTZ® SHIMMER RED	Mica (And) Titanium Dioxide	Kobo Products
3.00	MSS-500/3H	Silica	Kobo Products
2.00	KTZ® INTERFINE ORANGE	Mica (And) Titanium Dioxide	Kobo Products
100.00			

## Description:

A rich, creamy lipstick that delivers incredible color. Plandool™-MAS is a plant derived buttery ester that provides skin barrier moisture protection, superior softness and improves wear. SunBoost ATB is a proprietary ratio of antioxidant, anti-irritant and anti-inflammatory agents used in this formula for moisturizing effects. Neosolue™-DiSM provides emollience and spreadability.

CPF-3300@10cSt improves slip and adds shine. PM WAX 82 provides structure for a smooth and even application. The CO dispersions with ITT treated pigments disperse easily into the system and provide shine, high coverage and ease the manufacturing process. KTZ® SHIMMER RED and KTZ® INTERFINE ORANGE are special effect pigments that add shimmer and a satin luster to the lipstick. MSS-500/3H enables the stick to be structured with less wax and prevents sweating.

## Manufacturing Procedure:

1. Combine Part 1, begin prop mixing while heating to 80-85° C.
2. Add Part 2 to Part 1, prop mix until uniform. Maintain heat at 80-85° C.
3. Add Part 3 to Parts 1 and 2 one ingredient at a time. Prop mix until waxes are fully melted.
4. Pre-blend Part 4, then add to Parts 1,2, and 3. Prop mix until color is fully developed.
5. Slowly add Part 5 to Parts 1,2,3, and 4. Prop mix until uniform.
6. Fill samples at 75-80° C



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KLP-292

# Simple Lip Balm

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
47.50	Protachem™ CTG	Caprylic/Capric Triglyceride	Protameen
24.00	Plandool™-MAS	Phytosteryl Macadamiate	Nippon/Kobo Products
10.00	PM WAX 82	Polyethylene (And) Microcrystalline Wax	Toray/Kobo Products
10.00	KOBOGUARD® HRCC	Hydrogenated Polycyclopentadiene (And) Hydrogenated Castor Oil (And) Copernicia Cerifera (Carnauba) Wax (And) Tocopherol	Kobo Products
3.00	Shebu Refined	Butyrospermum Parkii (Shea Butter)	RITA Corporation
<b>Part 2</b>			
5.00	MSS-500W	Silica	Kobo Products
0.50	CO40SS	Sodium Saccharin (And) Ricinus Communis (Castor) Seed Oil (And) BHT	Kobo Products
100.00			

## Description:

This is a sweet and smooth lip balm that offers great moisture protection. Plandool™-MAS is a plant derived buttery ester derived from Macadamia that offers superior softness to the lips. The combination of KOBOGUARD® HRCC and PM WAX 82 give the lip balm a smooth and even application. MSS-500W contributes to the balm's non-greasy and silky after feel. CO40SS, Sodium Saccharin dispersed in Castor Oil, provides a slight sweet taste.

## Manufacturing Procedure:

1. Combine Part 1, heat to 80-85°C. Prop mix until uniform.
2. Add Part 2 to Part 1 one ingredient at a time. Prop mix until uniform.
3. Pour samples at 70-75°C.



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KLP-293-EU

# Soft Lips Brilliant Tinted Balm

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
34.00	Schercemol™ DISD ester	Diisostearyl Dimer Dilinoleate	Lubrizol
20.00	Dub SSIC	Isocetyl Stearoyl Stearate	Stearinerie Dubois
12.00	Schercemol™ PTID ester	Triisostearyl Polyglyceryl-3 Dimer Dilinoleate	Lubrizol
12.00	Eutanol® G	Octyldodecanol	BASF
<b>Part 2</b>			
3.40	<b>BMV-ASGP5</b>	Manganese Violet(And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
0.80	<b>BTD-ASGP3</b>	Titanium Dioxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
0.60	<b>BWYO-ASGP3</b>	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
0.40	<b>BWRO-ASGP3</b>	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
<b>Part 3</b>			
1.00	<b>MSS-500/3H</b>	Silica	<b>Kobo Products</b>
<b>Part 4</b>			
7.00	Sunflower Wax	Helianthus Annuus Seed Wax	Koster Keunen
3.50	Lipex SMP™	Hydrogenated Vegetable Oil	AAK
2.50	Akofine P™	Hydrogenated Vegetable Oil	AAK
2.00	Lipovol™ GTB	Tribehenin	Vantage
<b>Part 5</b>			
0.80	<b>KTZ® G QUARTZ</b>	Calcium Sodium Borosilicate (And) Titanium Dioxide	<b>Kobo Products</b>
<b>100.00</b>			

## Description:

This is a sheer, hydrating balm that gives a touch of color and lasting comfort to the lips. The melting texture provides high gloss and a cushioning effect. The formula contains only natural origin ingredients, including the mineral pigments which are combined to create the enriching nude color. The ASGP-treated Manganese Violet, Titanium Dioxide and Iron Oxides disperse easily with minimal energy input. MSS-500/3H enables the stick to be structured with less wax and prevents sweating. KTZ® G QUARTZ at 0.8% lifts the gloss of the formula to another level thanks to its transparency and high shine, without being visibly sparkly.

## Manufacturing Procedure:

1. Combine Part 1 ingredients.
2. Combine Part 2 ingredients and add them to Part 1, dispersing them fully.
3. Add Part 3 and disperse.
4. Add Part 4 ingredients and heat to 90° C. Keep at this temperature for a minimum of 10 minutes with stirring and add Part 5.
5. Pour into molds at 90° C and cool.





KLP-303

# Lipstick to Impress

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
18.50	Crystal™ O	Ricinus Communis (Castor) Seed Oil	Vertellus LLC
12.00	Softisan® 645	Bis-Diglyceryl Polyacyladipate-1	IOI Oleo GmbH
11.00	SALACOS® P-8	Ethylhexyl Palmitate	Ikeda Corp.
6.00	Candelilla Wax - SP-75	Euphorbia Cerifera (Candelilla) Wax	Strahl & Pitsch
6.00	<b>KOBOGUARD® NATURAL 2063-CCT</b>	Glyceryl Hydrogenated Rosinate (And) Caprylic/Capric Triglyceride	<b>Kobo Products</b>
4.50	Ozokerite Wax White SP 1020P	Ozokerite	Strahl & Pitsch
3.00	Lipowax™ D	Cetearyl Alcohol (and) Cetareth-20	Vantage Personal Care™
2.50	Shebu Refined	Butyrospermum Parkii (Shea Butter)	RITA
2.00	Microcrystalline Wax SP-89	Microcrystalline Wax	Strahl & Pitsch
1.00	Lexgard® Natural MB	Glyceryl Caprylate (and) Glyceryl Undecylenate	INOLEX Incorporated
1.00	<b>MSS-500/3H</b>	Silica	<b>Kobo Products</b>
0.50	Lexgard® O	Caprylyl Glycol	INOLEX Incorporated
<b>Part 2</b>			
16.00	<b>INWP45R7C</b>	Red 7 Lake (And) Isononyl Isononanoate (And) Ozokerite (And) Isopropyl Titanium Triisostearate (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
16.00	<b>INWP75ER</b>	Iron Oxides (CI 77491) (And) Isononyl Isononanoate (And) Ozokerite (And) Isopropyl Titanium Triisostearate (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
<b>100.00</b>			

## Description:

This richly pigmented lipstick offers high coverage with a creamy and comfortable wear on the lips. The formula contains Kobo's INWP Pigmentary Dispersions which disperse easily into the lipstick base and helps achieve a high impact of color. MSS-500/3H enhances payoff and prevents the formula from sweating. KOBOGUARD® NATURAL 2063-CCT gives gloss to the formula and improves long wear properties.

## Manufacturing Procedure:

1. Combine Part 1 under propeller mixer while heating to 80-85°C. Mix until all waxes have completely melted and batch is uniform.
2. Pre-blend Part 2, then add to Part 1. Mix until color is fully developed and batch is uniform.
3. Pour batch into lipstick mold at 75-80°C.



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KLG-104

# Natural Glossy Balm

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
55.60	Crystal® O	Ricinus Communis (Castor) Seed Oil	Chempoint
15.15	CO15M5	Ricinus Communis (Castor) Seed Oil (And) Silica	Kobo Products
15.00	KOBOGUARD® NATURAL 2063-CCT	Glyceryl Hydrogenated Rosinate (And) Caprylic/Capric Triglyceride	Kobo Products
4.00	Plandool™-MAS	Phytosteryl Macadamiate	Nippon/Kobo Products
3.00	Plandool™-LG3	Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate	Nippon/Kobo Products
2.00	Sunflower Wax	Helianthus Annus (Sunflower) Seed Wax	Koster Keunen
<b>Part 2</b>			
0.30	OD75RJE	Iron Oxides (CI 77491) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Kobo Products
0.20	GCG50TYSG	Iron Oxides (CI 77492) (And) Caprylic/Capric Triglyceride (And) Polyglyceryl-3 Diisostearate (And) Stearoyl Glutamic Acid	Kobo Products
0.20	GCG50TRSG	Iron Oxides (CI 77491) (And) Caprylic/Capric Triglyceride (And) Polyglyceryl-3 Diisostearate (And) Stearoyl Glutamic Acid	Kobo Products
0.05	CO40SS	Sodium Saccharin (And) Ricinus Communis (Castor) Seed Oil (And) BHT	Kobo Products
<b>Part 3</b>			
2.50	MSS-500W	Silica	Kobo Products
2.00	KTZ® EXTRAFINE SUNGLOW	Mica (And) Iron Oxides (CI 77491)	Kobo Products
<b>100.00</b>			

## Description:

A sheer, buildable natural tinted lip balm with moisture barrier repair properties. KOBOGUARD® NATURAL 2063-CCT, a natural origin film former, provides a long-lasting flexible film. CO15M5 is a castor oil based fumed silica gellant which imparts emolliency and cushion to the application. The combination of Plandool™-MAS and Plandool™-LG3 provide moisture barrier repair properties to the lips. OD75RJE, GCG50TRSG and GCG50TYSG create the background color. CO40SS adds a pleasant, sweet taste. MSS-500W improves payoff and blurs fine lines. KTZ® EXTRAFINE SUNGLOW contributes to and compliments the shade.

## Manufacturing Procedure:

1. Combine liquids of Part 1, start to heat to 85-90°C. Prop mix for 1 hour minimum (make sure that waxes are all dissolved and Part 1 is clear when hot).
2. Pre-mix Part 2, then add to Part 1 while propeller mixing. Mix until batch is uniform.
3. Pre-blend Part 3, then add to Parts 1 and 2 slowly. Do not entrap air. Mix until batch is uniform.
4. Pour at 75-80°C directly into lip balm components.



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KLG-107  
Lip Potion

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
42.00	COSMOL™ 222	Diisostearyl Malate	Ikeda Corp.
20.00	SALACOS® 5418V	Pentaerythrityl Tetraisoostearate	Ikeda Corp.
10.00	HL7M5	Hydrogenated Polyisobutene (And) Silica	Kobo Products
10.00	SALACOS® 334	Caprylic/Capric/Myristic/Stearic Triglyceride	Ikeda Corp.
6.00	PT1BM30R7C	Phenyl Trimethicone (And) Red 7 Lake (And) Isopropyl Titanium Triisostearate (And) Distearidimonium Hectorite (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Silica	Kobo Products
6.00	KOBOGUARD® NATURAL 2063-NDA	Glyceryl Hydrogenated Rosinate (And) C9-12 Alkane	Kobo Products
4.00	PT1BM70U	Titanium Dioxide (And) Phenyl Trimethicone (And) Distearidimonium Hectorite (And) Isopropyl Titanium Triisostearate (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Silica	Kobo Products
2.00	NOMCORT® HK-G	Glyceryl Behenate/Eicosadioate	Ikeda Corp.
100.00			

### Description:

This lip gloss offers high coverage without tacky feel. It features PT1 pigmentary dispersions in low viscosity Phenyl Trimethicone, that provide shine and ease the manufacturing process. KOBOGUARD® Natural 2063 NDA is a natural origin oil phase resin that provides long wear. HL7M5, fumed silica dispersed in Hydrogenated Polyisobutene, increases formula viscosity.

### Manufacturing Procedure:

1. Combine Part 1 and mix until the pigments are fully dispersed.
2. Heat to 75°C and pour into components.





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) Triethoxycaprylylsilane	<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>
100.00			

## 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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KPR-005

# Natural Origin Stay-in-Place Primer/Top Coat

%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
28.75	<b>KOBOGUARD® NATURAL 2063-CCT</b>	Glyceryl Hydrogenated Rosinate (And) Caprylic/Capric Triglyceride	<b>Kobo Products</b>
23.00	<b>JOS10M5</b>	Simmondsia Chinensis (Jojoba) Seed Oil (And) Silica	<b>Kobo Products</b>
22.00	<b>SALACOS® 334</b>	Caprylic/Capric/Myristic/Stearic Triglyceride	<b>Ikeda Corp.</b>
17.00	<b>VEGETABLE WAX-SS1 (Non-GMO)</b>	Helianthus Annuus (Sunflower) Seed Wax (And) Phytosterols	<b>Ikeda Corp.</b>
5.00	<b>Candelilla Wax - SP-75</b>	Euphorbia Cerifera (Candelilla) Wax	<b>Strahl &amp; Pitsch</b>
3.00	<b>NOMCORT® HK-G</b>	Glyceryl Behenate/Eicosadioate	<b>Ikeda Corp.</b>
1.25	<b>Lexgard® Natural MB</b>	Glyceryl Caprylate (and) Glyceryl Undecylenate	<b>INOLEX Incorporated</b>
<b>100.00</b>			

## Description:

This stick, which can be used as a primer or top coat, helps to improve makeup wear. KOBOGUARD® NATURAL 2063-CCT is used for adhesion and substantivity of the formula to the skin, water resistance and rub resistance. JOS10M5, a fumed silica dispersion gellant, adds creaminess and cushion upon application.

## Manufacturing Procedure:

1. Combine Part 1 under propeller mixing while heating to 80°C. Mix until all waxes are completely melted and the batch is uniform.
2. Pour batch into components at 80°C, then place into freezer for 10-20 minutes.



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## FORMULATIONS

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# KOBO

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Specialist*



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