

# FORMULARY

Suppliers' Day 2018

**KOBO**

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# KSL-331C Soft Touch Sunscreen



| %             | INGREDIENT                    | INCI NAME   | SUPPLIER              |
|---------------|-------------------------------|---|-----------------------|
| <b>Part 1</b> |                               |   |                       |
| 8.10          | Deionized Water               | Water   |                       |
| 2.00          | Butylene Glycol               | Butylene Glycol   | Ruger Chemical        |
| 0.50          | Gs-GT                         | Water (And) Camellia Sinensis Leaf Extract (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Phenoxyethanol (And) Parabens (And) Hydrogenated Lecithin | Kobo Products         |
| 0.50          | PHENOXYETOL                   | Phenoxyethanol  | Clariant              |
| 0.50          | Gs-VE                         | Water (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Phenoxyethanol (And) Tocopherol (And) Parabens (And) Hydrogenated Lecithin                     | Kobo Products         |
| 0.25          | Sodium Chloride               | Sodium Chloride   | Morton Salt           |
| 0.15          | ALLANTOIN                     | Allantoin   | ISP                   |
| <b>Part 2</b> |                               |   |                       |
| 33.00         | CM3K40T4                      | Cyclopentasiloxane (And) Titanium Dioxide (And) PEG-10 Dimethicone (And) Alumina (And) Hydrogen Dimethicone   | Kobo Products         |
| 22.00         | CM3K65FZS                     | Zinc Oxide (And) Cyclopentasiloxane (And) PEG-10 Dimethicone (And) Triethoxycaprylylsilane  | Kobo Products         |
| 15.50         | KF-995                        | Cyclopentasiloxane  | Shin-Etsu             |
| 5.00          | SunBoost ATB™                 | Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol   | Kobo Products         |
| 3.00          | Xiameter Silicone Fluid 50 cs | Dimethicone   | Dow Corning           |
| 3.00          | SALACOS® 99                   | Isononyl Isononanoate   | Ikeda Corporation     |
| 1.00          | KF-6104                       | Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone  | Shin-Etsu             |
| 0.50          | Bentone® Luxe WS              | Cyclopentasiloxane (and) PEG-10 Dimethicone (and) Disteardimonium Hectorite   | Elementis Specialties |
| <b>Part 3</b> |                               |   |                       |
| 5.00          | EA-209                        | Ethylene/Acrylic Acid Copolymer   | Kobo Products         |
| 100.00        |                               |   |                       |

## Description:

This light feeling shaker ball sunscreen features TiO2 dispersion CM3K40T4 and ZnO dispersion CM3K65FZS to give SPF protection. SunBoost ATB™, which contains a proprietary ratio of anti-oxidant, anti-irritant and anti-inflammatory agents, helps boost SPF. Glycospheres Gs-VE (Tocopherol) and Gs-GT (Green Tea Polyphenols) add skin care benefits to the formula. Microsphere EA-209 helps give the formula a dry slip after feel as well as soft focus effect.

## Manufacturing Procedure:

1. In side beaker, add Part 1 and mix until uniform.
2. In main beaker, add Part 2 and homogenize.
3. Add Part 1 to Part 2 and mix under homogenizer.
4. Slowly add Part 3 under homogenizer.

## Active Ingredient(s):

|                  |        |
|------------------|--------|
| Titanium Dioxide | 10.61% |
| Zinc Oxide       | 13.73% |

## Testing:

SPF: in vivo on 3 subjects  
CW: FDA method





KSL-359B

# (Natural) Zinc Oxide Anhydrous Cream/Balm SPF-30



| %             | INGREDIENT            | INCI NAME   | SUPPLIER             |
|---------------|-----------------------|---|----------------------|
| <b>Part 1</b> |                       |   |                      |
| 33.93         | Protachem CTG         | Caprylic/Capric Triglyceride  | Protameen            |
| 23.00         | JOSP55XZJ             | Zinc Oxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Polyhydroxystearic Acid (And) Jojoba Esters | Kobo Products        |
| 22.77         | GCP50ZSI **           | Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Polyhydroxystearic Acid (And) Triethoxycaprylsilane** | Kobo Products        |
| 5.00          | SunBoost ATB™ Natural | Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol                                       | Kobo Products        |
| <b>Part 2</b> |                       |   |                      |
| 6.50          | Pelemol® HCO          | Hydrogenated Castor Oil   | Phoenix Chemicals    |
| 0.50          | Plandool™-LG3         | Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate  | Nippon/Kobo Products |
| 0.50          | Plandool™-LG1         | Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate  | Nippon/Kobo Products |
| <b>Part 3</b> |                       |   |                      |
| 7.00          | CELLULOBEADS D-10     | Cellulose   | Daito/Kobo Products  |
| 0.75          | FLORITE R             | Calcium Silicate  | Tomita/Kobo Products |
| <b>Part 4</b> |                       |   |                      |
| 0.05          | CE-181668             | Amyl Cinnamic Aldehyde  | Custom Essence       |
| 100.00        |                       |   |                      |

## Description:

This anhydrous Zinc Oxide Balm offers minimal whitening to the skin and leaves a powdery, non-greasy after feel. Kobo dispersions JOSP55XZJ and GCP50ZSI provide a UVB/UVA balanced blend of SPF-30 broad spectrum protection. SunBoost ATB™ Natural is a proprietary blend of natural ingredients that boosts SPF efficacy. PLANDOOL™-LG1 and PLANDOOL™-LG3 provide skin barrier moisture protection and waterproofing properties. CELLULOBEADS D-10 gives the product a cushiony powdery afterfeel while also giving oil absorption properties. FLORITE R is an excellent oil absorber, even at low percentages.

\*\* Kobo's criteria for the classification of a "Natural" formula: Formula must contain less than 5% of ingredients not listed under the NPA Natural standard. GCP50ZSI contains less than 5% of Triethoxycaprylsilane.

## Manufacturing Procedure:

1. With moderate propeller mixing, heat Part 1 to 85-90°C.
2. Add Part 2 to Part 1 and continue mixing for 20 minutes until the batch is smooth and uniform.
3. Turn off heat and add Part 3, one ingredient at a time, with moderate propeller mixing.
4. When batch reaches 75°C, add Part 4. Propeller mix for 5-10 minutes.
5. Drop batch between 70-75°C. (Any lower drop temperature may cause product to appear grainy.)

## Active Ingredient(s):

Zinc Oxide 22.70%

## Testing:

SPF: in vivo on 3 subjects  
CW: FDA method

## Notes:

Kobo's definition of a natural formula: Formula contains less than 5% of ingredients not listed under the NPA Natural Standard. GCP50ZSI contains less than 5% Triethoxycaprylsilane.



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KCC-018

# Bouncy Cream Concealer with SW Dispersions

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

## Description:

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

## Manufacturing Procedure:

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



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KLF-182B

# KoboGel™ D5-B Medium Liquid Foundation

| %             | INGREDIENT                  | INCI NAME   | SUPPLIER                                   |
|---------------|-----------------------------|---|--|
| <b>Part 1</b> |                             |   |  |
| 28.90         | <b>KoboGel™ D5-B Medium</b> | Pigmented Silicone Gel  | <b>Kobo Products</b>                       |
| 28.90         | <b>CXG-1103</b>             | Cyclopentasiloxane (And) Cyclohexasiloxane (And) Dimethicone/Vinyl Dimethicone Crosspolymer | <b>Avantor/Kobo Products</b>               |
| 6.00          | Dermol 25B                  | C12-15 Alkyl Benzoate   | Alzo Chemical                              |
| 5.90          | KF-6040                     | Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone  | Shin-Etsu                                  |
| 0.10          | Propyl Paraben NF           | Propylparaben   | International Sourcing                     |
| <b>Part 2</b> |                             |   |  |
| 18.90         | Deionized Water             | Water   |  |
| 7.90          | Butylene Glycol             | Butylene Glycol   | Pride Solvents & Chemicals Co. of NJ, Inc. |
| 0.65          | Sodium Chloride             | Sodium Chloride   | Morton Salt                                |
| 0.40          | Polysorbate 20              | Polysorbate 20  | RITA Corporation                           |
| 0.15          | Methyl Paraben NF           | Methylparaben   | International Sourcing                     |
| 0.10          | Trisodium EDTA              | Trisodium EDTA  | Protameen                                  |
| 0.10          | ALLANTOIN                   | Allantoin   | ISP  |
| <b>Part 3</b> |                             |   |  |
| 1.50          | <b>MSS-500/N</b>            | Silica  | <b>Kobo Products</b>                       |
| 0.50          | <b>FLORITE PS-10</b>        | Calcium Silicate  | <b>Tomita/Kobo Products</b>                |
| <b>100.00</b> |                             |   |  |

## Description:

This W/Si Liquid Foundation features KoboGel™ D5-B Medium. KoboGel™ D5-B is a series of pre-dispersed color concentrates in a special elastomer gel matrix, available in light, medium, and dark combinations. It not only aids in color matching by simplifying color additions into formulations but also enriches formulas with a silky, spreadable feel. Further contributing to the texture is CXG-1103, a high purity elastomer gel. MSS-500/N is a spherical silica Microsphere that offers the formula a ball bearing effect, helps to provide increased payoff upon application, and gives the formula a silky texture. FLORITE PS-10 helps absorb oil, give soft focus and enhance the feel.

## Manufacturing Procedure:

1. Combine all Part 1 ingredients and homogenize until fully dispersed.
2. Add Part 2 fully mixed to the dispersed Part 1.
3. Add Part 3 while prop mixing.



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| %             | INGREDIENT                    | INCI NAME   | SUPPLIER                   |
|---------------|-------------------------------|---|----------------------------|
| <b>Part 1</b> |                               |   |                            |
| 29.20         | Deionized Water               | Water   |                            |
| 2.00          | Glycerin                      | Glycerin  | CAAL                       |
| 0.80          | Cloreto de Sódio              | Sodium Chloride   | CAAL                       |
| 0.50          | <b>CosmeHerbest™ SEABERRY</b> | Water (And) Propanediol (And) Hippophae Rhamnoides Fruit Extract  | <b>Ikeda/Kobo Products</b> |
| <b>Part 2</b> |                               |   |                            |
| 17.00         | <b>INH73MZ</b>                | Zinc Oxide (And) Isononyl Isononanoate (And) Polyglyceryl-6 Polyricinoleate (And) Isopropyl Titanium Triisostearate | <b>Kobo Products</b>       |
| 9.00          | <b>INP60T7</b>                | Titanium Dioxide (And) Isononyl Isononanoate (And) Alumina (And) Hydrogen Dimethicone (And) Polyhydroxystearic Acid | <b>Kobo Products</b>       |
| 8.00          | Xiameter PMX-0245             | Cyclopentasiloxane  | Dow Corning                |
| 5.00          | <b>TiO2-IR300-11S2</b>        | Titanium Dioxide (And) Triethoxycaprylylsilane  | <b>Kobo Products</b>       |
| 5.00          | <b>SALACOS® 99</b>            | Isononyl Isononanoate   | <b>Ikeda/Kobo Products</b> |
| 4.40          | <b>BTD-ASG2</b>               | Titanium Dioxide (And) Stearoyl Glutamic Acid   | <b>Kobo Products</b>       |
| 4.00          | Bentone Gel VS-5 PC V         | Cyclopentasiloxane (And) Distearidimonium Hectorite (And) Propylene Carbonate                                       | Elementis/Cosmotec         |
| 3.00          | KF-6017                       | PEG-10 Dimethicone  | Shin-Etsu                  |
| 1.50          | <b>SunBoost ATB™</b>          | Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol   | <b>Kobo Products</b>       |
| 1.13          | <b>BYO-ASG3</b>               | Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid   | <b>Kobo Products</b>       |
| 1.00          | Optiphen                      | Caprylyl Glycol (And) Phenoxyethanol  | Cosmotec                   |
| 1.00          | Liposorb® O                   | Sorbitan Oleate   | Vantage                    |
| 0.30          | <b>BRO-ASG3</b>               | Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid   | <b>Kobo Products</b>       |
| 0.17          | <b>BBO-ASG3</b>               | Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid   | <b>Kobo Products</b>       |
| <b>Part 3</b> |                               |   |                            |
| 5.00          | <b>COMPOSITE ACT-50</b>       | Titanium Dioxide (And) Acrylates Copolymer (And) Hydrated Silica (And) Algin (And) Aluminum Hydroxide               | <b>Kobo Products</b>       |
| 2.00          | <b>BPD-500W</b>               | HDI/Trimethylol Hexyllactone Crosspolymer (And) Silica  | <b>Kobo Products</b>       |
| <b>100.00</b> |                               |   |                            |

## Description:

This foundation was developed to protect the skin from UVA, UVB and IR radiation, pollution and free radicals. The SPF/PFA is provided by Zinc and Titanium dispersions, INH73MZ and INP60T7, and COMPOSITE ACT-50, a micron size Acrylates Copolymer matrix with TiO2 entrapped. TiO2-IR300-11S2 is an acicular titanium dioxide that has the capacity to block IR radiation. CosmeHerbest™ SEABERRY, is an extract that reduces skin irritation and has a moisturizing effect. SunBoost ATB™, a proprietary ratio of anti-oxidants, anti-irritant and anti-inflammatory agents, helps boost SPF and PFA. ASG treated pigments are coated with an amino acid with a very creamy feel. BPD-500 is a microsphere that gives soft focus and enhanced feel. SALACOS® 99 is a light ester that increases spreadability.

Transmittance in the infrared IR-A was measured for formulation KLF-228-BR verses a control. KLF-228-BR contained the same ingredients as the control plus the addition of 5% TiO2 IR300-11S2, an IR-A blocker. The 5% addition of the IR-A blocker improved the attenuation in the IR-A range significantly as it had a much lower transmittance. Transmittance curves/data can be provided upon request.

## Manufacturing Procedure:

1. Combine Part 1.
2. Mix Part 2 at 800 rpm until complete dispersion of the pigments and TiO2-IR300-11S2.
3. Add Part 1 to Part 2 while mixing.
4. Add Part 3 and mix at 400 rpm.

## Active Ingredient(s):

|                  |        |
|------------------|--------|
| Zinc Oxide       | 12.07% |
| Titanium Dioxide | 9.20%  |

## Testing:

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





KFL-136

# Prestige Illuminating Skin Correcting Cream

| %             | INGREDIENT                              | INCI NAME  | SUPPLIER                   |
|---------------|---|--|----------------------------|
| <b>Part 1</b> |   |  |                            |
| 10.50         | Xiameter® PMX-200<br>Silicone Fluid 5CS | Dimethicone  | Dow Coming                 |
| 5.00          | KSG-210                                 | Dimethicone (and) Dimethicone/PEG-10/15 Crosspolymer         | Shin-Etsu                  |
| 5.00          | TMF-1.5                                 | Methyl Trimethicone  | Shin-Etsu                  |
| 2.75          | CXG-1104                                | Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer | Avantor/Kobo<br>Products   |
| 1.00          | KF-6038                                 | Lauryl PEG-9 Polydimethylsiloxylethyl Dimethicone            | Shin-Etsu                  |
| 0.50          | Caprylyl Methicone                      | Caprylyl Methicone   | BRB International          |
| <b>Part 2</b> |   |  |                            |
| 0.16          | KTZ® ARUBAN CORAL                       | Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77491)     | Kobo Products              |
| <b>Part 3</b> |   |  |                            |
| 6.80          | MSS-500/20N                             | Silica   | Kobo Products              |
| 6.70          | CARESS® BN09                            | Boron Nitride  | Bent Tree/Kobo<br>Products |
| <b>Part 4</b> |   |  |                            |
| 55.29         | Deionized Water                         | Water  |                            |
| 2.80          | Zemea®                                  | Propanediol  | Du Pont Chemicals          |
| 2.00          | Glycerin U.S.P. F.C.C.<br>96%           | Glycerin   | Ruger Chemical             |
| 0.60          | Mikrokill® COS                          | Phenoxyethanol   | Ashland                    |
| 0.50          | Ritamectant PCA                         | Water (And) Sodium PCA                                       | RITA Corp.                 |
| 0.32          | Sodium Chloride                         | Sodium Chloride  | Morton Salt                |
| 0.08          | Protachem™ NA2-P                        | Disodium EDTA  | Protameen                  |
| <b>100.00</b> |   |  |                            |

## Description:

This formula is a light and fluffy, pale pink cream that applies easily and provides a soft porcelain finish on skin. CXG-1104 helps in the product's application properties and also provides a soft velvety after feel on skin. KTZ® ARUBAN CORAL provides the soft pink hue to the finished cream. MSS-50020N carries minimal oil absorption so it provides a soft silky application with slight soft focus effect on the skin. Due to its long lasting affinity on skin, CARESS® BN09 provides oil control properties while also giving skin a natural illuminating appearance. (A porcelain like finish)

## Manufacturing Procedure:

1. In main vessel, premix Part 1 with a fast speed propeller mixer until the phase is completely mixed, smooth and uniform.
2. With moderate speed mixing, add Part 2 to Part 1. Mix until contents are all dispersed and batch is smooth.
3. With fast speed propeller mixing and side sweep agitation, sprinkle Part 3 into batch. (NOTE: Batch will thicken significantly) Increase mixer speed to accommodate batch thickness and to get uniform dispersion of powders.
4. Pre-mix Part 4 until all ingredients are dissolved and the phase is clear.
5. With fast speed propeller mixing and slow side sweep agitation, SLOWLY add small increments of Part 4 to batch. (Adjust propeller speed as Part 4 is added to maintain a vortex while mixing).
6. When all of Part 4 is added, Fast propeller mix (with side sweep agitation) the batch for 10 minutes and until the batch is completely smooth and uniform. (If any water droplets are visible in the batch, continue to fast propeller mix until all water is internally emulsified)



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KMU-018E

# Color Correcting Stick- Pastel Blue

| %             | INGREDIENT                                  | INCI NAME   | SUPPLIER                |
|---------------|---|---|-------------------------|
| <b>Part 1</b> |   |   |                         |
| 27.00         | Dermol 1818                                 | Isotrearyl Isostearate  | Alzo International Inc. |
| 16.50         | Protachem™ CTG                              | Caprylic/Capric Triglyceride  | Protameen               |
| 5.00          | SW5M5                                       | Synthetic Wax (And) Silica  | Kobo Products           |
| 5.00          | CIO   | Cetyl Ethylhexanoate  | Barnet                  |
| 3.00          | Candelilla Wax MK-2                         | Euphorbia Cerifera (Candelilla) Wax                                   | Strahl & Pitsch         |
| 3.00          | Beeswax White Sp 422P                       | Beeswax   | Strahl & Pitsch         |
| 2.00          | Xiameter® PMX-200<br>SILICONE FLUID 1000 CS | Dimethicone   | Dow Coming              |
| 1.00          | SF1642                                      | C30-45 Alkyl Dimethicone  | Momentive               |
| 0.50          | BV-OSC                                      | Tetrahexyldecyl Ascorbate   | Barnet                  |
| <b>Part 2</b> |   |   |                         |
| 19.00         | KoboMica Y-08                               | Mica  | Kobo Products           |
| 10.00         | Diasphere® KS-1000                          | Polymethylsilsesquioxane  | Kolon/Kobo Products     |
| 7.00          | BTD-ASG2                                    | Titanium Dioxide (And) Stearoyl Glutamic Acid                         | Kobo Products           |
| 0.50          | Microcare® PPD                              | Talc (And) Phenoxyethanol (And) Decylene Glycol (And) Hydrated Silica | Thor Personal Care      |
| 0.50          | BLUE 1AL-ASG4                               | Blue 1 Lake (And) Stearoyl Glutamic Acid                              | Kobo Products           |
| <b>100.00</b> |   |   |                         |

## Description:

Color Correcting Concealer Stick in Pastel Blue is to help brighten and correct orange undertones. It features Kobo's fumed silica gellant SW5M5 to give the formula the ability to glide upon application under the eye. It also features Kobo's ASG treated pigments, BLUE 1AL-ASG4 and BTD-ASG2 to help offer good adhesion of color onto the skin. KoboMica Y-08 helps give the concealer a nice, dry after feel. Microsphere Diasphere® KS-1000 will also give the formula a dry after feel as well as slip and a soft focus effect, perfect for under the eyes.

## Manufacturing Procedure:

1. Place Part 1 in a beaker and heat to 80°C.
2. Add Part 2 and micropulverize on low until color is fully developed and fully homogeneous.
3. Add Part 2 to Part 1 and mix until fully uniform.
4. Pour into stick component at 65-70°C.



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KPW-007H

# Natural Treated Mineral Powder (Halal Compliant)

| %             | INGREDIENT           | INCI NAME                                  | SUPPLIER             |
|---------------|----------------------|--|----------------------|
| <b>Part 1</b> |                      |  |                      |
| 63.40         | <b>GMS-NJE3</b>      | Mica (And) Jojoba Esters                   | <b>Kobo Products</b> |
| 20.00         | <b>TALC N-NJE2</b>   | Talc (And) Jojoba Esters                   | <b>Kobo Products</b> |
| 10.00         | <b>RBTD-671-NJE2</b> | Titanium Dioxide (And) Jojoba Esters       | <b>Kobo Products</b> |
| 5.00          | <b>BYO-NJE3</b>      | Iron Oxides (CI 77492) (And) Jojoba Esters | <b>Kobo Products</b> |
| 1.00          | <b>BRO-NJE2</b>      | Iron Oxides (CI 77491) (And) Jojoba Esters | <b>Kobo Products</b> |
| 0.60          | <b>BBO-NJE2</b>      | Iron Oxides (CI 77499) (And) Jojoba Esters | <b>Kobo Products</b> |
| <b>100.00</b> |                      |  |                      |

## Description:

This Natural Treated Mineral Powder features Kobo's NJE treated pigments which enhance feel, application, and adhesion to the skin.

## Manufacturing Procedure:

1. Micropulverize Part 1 until uniform.

## 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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KPP-104A

# Creamy Pressed Powder with KoboBlur™ 100 Natural

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

## Description:

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

## Manufacturing Procedure:

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



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KPP-105A-BR

# Super Creamy Pressed Powder

| %             | INGREDIENT                              | INCI NAME  | SUPPLIER                   |
|---------------|---|--|----------------------------|
| <b>Part 1</b> |   |  |                            |
| 85.30         | <b>TALC AJM</b>                         | Talc   | <b>Kobo Products</b>       |
| 3.00          | <b>BTD-401</b>                          | Titanium Dioxide (And) Isopropyl Titanium Triisostearate       | <b>Kobo Products</b>       |
| 2.00          | <b>CARESS® BN06</b>                     | Boron Nitride  | <b>Kobo Products</b>       |
| 2.00          | <b>BYO-I2</b>                           | Iron Oxides (CI 77492) (And) Isopropyl Titanium Triisostearate | <b>Kobo Products</b>       |
| 1.50          | <b>ZINC MYRISTATE</b>                   | Zinc Myristate   | <b>Kobo Products</b>       |
| 0.66          | <b>BRO-I2</b>                           | Iron Oxides (CI 77491) (And) Isopropyl Titanium Triisostearate | <b>Kobo Products</b>       |
| 0.34          | <b>BBO-I2</b>                           | Iron Oxides (CI 77499) (And) Isopropyl Titanium Triisostearate | <b>Kobo Products</b>       |
| 0.10          | Propilparabeno                          | Propylparaben  | Cosmotec                   |
| 0.10          | Metilparabeno                           | Metylparaben   | Cosmotec                   |
| <b>Part 2</b> |   |  |                            |
| 3.50          | <b>SALACOS® P-8</b>                     | Ethylhexyl Palmitate   | <b>Ikeda/Kobo Products</b> |
| 1.50          | Xiameter PMX-200<br>Silicone Fluid 50CS | Dimethicone  | Dow Corning                |
| <b>100.00</b> |   |  |                            |

## Description:

This economical pressed powder features ITT treated pigments and Mica that give great feel and adherence on the skin. Kobo's TALC AJM is an odorless, fine, white powder with anti-caking properties to improve feel. ZINC MYRISTATE works as a dry binder due to its good pressability. SALACOS® P-8 acts as liquid binders and helps to achieve an enhanced feel. CARESS® BN06 gives a creamy and luxurious feel.

## Manufacturing Procedure:

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

## Notes:

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



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KEL-004B

# Waterproof Gel Eyeliner

| %             | INGREDIENT           | INCI NAME   | SUPPLIER                     |
|---------------|----------------------|---|------------------------------|
| <b>Part 1</b> |                      |   |                              |
| 28.00         | Deionized Water      | Water   |                              |
| <b>Part 2</b> |                      |   |                              |
| 5.00          | PROPYLENE GLYCOL     | Propylene Glycol  | DeWolf Chemicals             |
| 0.35          | Veegum®              | Magnesium Aluminum Silicate   | RT Vanderbilt                |
| 0.06          | Natrosol® 250 HHR CS | Hydroxyethylcellulose   | Ashland                      |
| 0.06          | Keltrol® CG          | Xanthan Gum   | CP Kelco                     |
| <b>Part 3</b> |                      |   |                              |
| 0.80          | PHENOXYETOL          | Phenoxyethanol  | Essential Ingredients        |
| <b>Part 4</b> |                      |   |                              |
| 0.50          | PROPYLENE GLYCOL     | Propylene Glycol  | DeWolf Chemicals             |
| 0.05          | AQUA KEEP 10SH-NFC   | Sodium Acrylates Crosspolymer-2   | Sumitomo Seika/Kobo Products |
| <b>Part 5</b> |                      |   |                              |
| 27.68         | KOBOGUARD® 50AMP     | Acrylates/Ethylhexyl Acrylate Copolymer (And) Water (And) Aminomethyl Propanol  | Kobo Products                |
| <b>Part 6</b> |                      |   |                              |
| 30.00         | WSJ10CB-NP           | Black 2 (And) PEG-40 Hydrogenated Castor Oil (And) Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Aminomethyl Propanol (And) Sodium Dehydroacetate | Kobo Products                |
| <b>Part 7</b> |                      |   |                              |
| 5.00          | KTZ® EBONY           | Iron Oxides (CI 77499) (And) Mica   | Kobo Products                |
| <b>Part 8</b> |                      |   |                              |
| 2.00          | SESQ-MH5             | Polymethylsilsequioxane (And) Silica  | N&M/Kobo Products            |
| <b>Part 9</b> |                      |   |                              |
| 0.50          | SILICA SHELLS-SH     | Silica (And) Methoxy Amodimethicone/Silsequioxane Copolymer   | Kobo Products                |
| 100.00        |                      |   |                              |

## Description:

This long-wear, liquid eyeliner features Kobo's Carbon Black dispersion, WSJ10CB-NP, to create a deep, intense, black color and add film-forming properties. KOBOGUARD® 50AMP is used to produce a long-wearing film and provide water resistance. AQUA KEEP 10SH-NFC is a gelling agent that offers stability to the formula. KTZ® EBONY, a unique black pearl gives an additional deep black color to the eyeliner. SILICA SHELLS-SH, offers a mattifying effect and decreases dry time when applied. SESQ-MH5 is used for its oil absorbency and for the formula to be applied smoothly.

## Manufacturing Procedure:

1. In main beaker, add Part 2 and mix.
2. Add Part 1 to Part 2 and propeller mix for 5 minutes at 568 rpm, heat to 85°C, then cool to room temp. (based on 200g batch).
3. Add Part 3 to Parts 1 and 2 and propeller mix for 5 minutes. Then switch to homogenizer. Homogenize for 3 minutes at 3500 rpm.
4. Pre-mix Part 4 then add to main beaker and homogenize at 4300rpm.
5. Add Part 5 and homogenize at 6200 rpm.
6. Add Part 6 and homogenize at 6200 rpm.
7. Add Part 7 and homogenize at 6460 rpm until homogenous.
8. Add Part 8 and homogenize at 6460 rpm until homogenous.
9. Add Part 9 and homogenize at 7940 rpm until homogenous. (Keep the gap between homogenizer and the bottom of the beaker, so the bulk can circulate/ move)



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KEY-064D

# Purple Hot Pour Eyeshadow with ASG Treatment

| %             | INGREDIENT                            | INCI NAME   | SUPPLIER                     |
|---------------|---------------------------------------|---|------------------------------|
| <b>Part 1</b> |                                       |   |                              |
| 10.00         | <b>ASO-I2</b>                         | Aluminum Starch Octenylsuccinate (And) Isopropyl Titanium Triisostearate                                      | <b>Kobo Products</b>         |
| 6.05          | <b>GMS-ASG3</b>                       | Mica (And) Stearoyl Glutamic Acid   | <b>Kobo Products</b>         |
| 5.00          | <b>BMV-ASG4</b>                       | Manganese Violet (And) Stearoyl Glutamic Acid   | <b>Kobo Products</b>         |
| 1.25          | <b>BRO-ASG3</b>                       | Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid   | <b>Kobo Products</b>         |
| 0.50          | <b>BLUE 1AL-ASG4</b>                  | Blue 1 Lake (And) Stearoyl Glutamic Acid  | <b>Kobo Products</b>         |
| 0.10          | Propyl Paraben NF                     | Propylparaben   | International Sourcing       |
| 0.10          | Methyl Paraben NF                     | Methylparaben   | International Sourcing       |
| <b>Part 2</b> |                                       |   |                              |
| 3.00          | Wickenol 155                          | Ethylhexyl Palmitate  | Alzo International Inc.      |
| <b>Part 3</b> |                                       |   |                              |
| 26.00         | Vegeight 1214 LC                      | Coconut Alkanes (And) Coco-Caprylate/Caprates   | Grant Industries, Inc.       |
| 7.50          | DC 556 Fluid                          | Phenyl Trimethicone   | Dow Corning                  |
| 5.50          | Lameform® TGI                         | Polyglycerol-3 Diisostearate  | Chem Specs/Cognis Corp.      |
| 3.00          | <b>PM WAX 82</b>                      | Polyethylene (And) Microcrystalline Wax   | <b>Toray/Kobo Products</b>   |
| 2.00          | Softisan® 100                         | Hydrogenated Coco-Glycerides  | IOI Oleo GmbH                |
| 1.00          | Microcrystalline Wax SP-89            | Microcrystalline Wax  | Strahl & Pitsch, Inc.        |
| 1.00          | <b>KOBOGUARD® HRPC</b>                | Hydrogenated Polycyclopentadiene (And) Polyethylene (And) Copernicia Cerifera (Carnauba) Wax (And) Tocopherol | <b>Kobo Products</b>         |
| 1.00          | Carnauba Wax SP 63P                   | Copernicia Cerifera (Carnauba) Wax  | Strahl & Pitsch, Inc.        |
| <b>Part 4</b> |                                       |   |                              |
| 8.50          | <b>KOBOPEARL® PERPETUAL VioletRed</b> | Synthetic Fluorophlogopite (And) Silica (And) Titanium Dioxide  | <b>Kobo Products</b>         |
| 8.50          | <b>KTZ® INTERVAL VIOLET</b>           | Mica (And) Titanium Dioxide   | <b>Kobo Products</b>         |
| 5.00          | <b>DSPCS/20N-I2</b>                   | Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate                          | <b>Kobo Products</b>         |
| <b>Part 5</b> |                                       |   |                              |
| 5.00          | <b>CXG-1104</b>                       | Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer  | <b>Avantor/Kobo Products</b> |
| <b>100.00</b> |                                       |   |                              |

## Description:

This is a hot pour eye shadow with great texture and payoff. The ASG treatment helps the formula adhere and glide onto the skin and also contributes to the great feel. DSPCS/20N-I2 contributes greatly to the powdery afterfeel. ASO-I2 helps to absorb oil. PM WAX 82 is a combination of waxes used to structure the formula. KOBOGUARD® HRPC is a film former that gives good wear and adhesion. CXG-1104 is a silicone elastomer that provides a silky powdery afterfeel. KTZ® INTERVAL VIOLET and KOBOPEARL® PERPETUAL VioletRed provide shimmer and enhance the color.

## Manufacturing Procedure:

1. Blend Part 1 and pass through a micronizer until the color is fully dispersed.
2. Add Part 2 to Part 1 and blend until fully dispersed.
3. Heat Part 3 with stirring to 80°C.
4. Add Parts 1 and 2 to Part 3 and mix until homogenous. Add Part 4.
5. Add Part 5.
6. Continue to mix until uniform while maintaining temperature.
7. Pour at 78°C.



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KEY-087

# Blue Charm Magnetic Eyeshadow

| %             | INGREDIENT            | INCI NAME  | SUPPLIER             |
|---------------|-----------------------|--|----------------------|
| <b>Part 1</b> |                       |  |                      |
| 99.95         | <b>K-RAY® MagBlue</b> | Titanium Dioxide (And) Mica (And) Iron Oxides (CI 77499) | <b>Kobo Products</b> |
| 0.05          | Jeen Sorbic Acid      | Sorbic Acid  | Jeen International   |
| <b>100.00</b> |                       |  |                      |

## Description:

This magnetic eyeshadow features Kobo's K-Ray® MagBlue pearl. The controlled level of black iron oxide, the K-Ray® Mag series can be used to create unique and vivid 3-D effects when placed on a magnet. The ability to use a high concentration (up to 99.95%) of this pearl allows formulators to achieve high color intensity and amazing payoff.

## Manufacturing Procedure:

1. Blend pearl with Sorbic Acid until evenly dispersed.
2. Place magnet on bottom of package and top with formula. Let pattern form.





KMA-076C

# Intense Volume and Curl Tube Mascara

| %             | INGREDIENT                 | INCI NAME   | SUPPLIER                    |
|---------------|----------------------------|---|-----------------------------|
| <b>Part 1</b> |                            |   |                             |
| 5.00          | CARNAUBA WAX SP 63P        | Copernicia Cerifera (Carnauba) Wax  | Strahl & Pitsch             |
| 3.50          | Lipo® GMS 450              | Glyceryl Stearate   | Vantage                     |
| 3.00          | Beeswax White Sp 422P      | Beeswax   | Strahl & Pitsch             |
| 2.00          | DERMOFAT 4919              | Stearic Acid  | Alzo Chemical               |
| 2.00          | PANALANE® H-300E           | Hydrogenated Polyisobutene  | Vantage                     |
| 1.60          | TWEEN 80                   | Polysorbate 80  | Croda                       |
| 1.00          | <b>Plandool™-G</b>         | Bis-Behenyl/Isostearyl/Phytosteryl Dimer Dilinoleyl Dimer Dilinoleate   | <b>Nippon/Kobo Products</b> |
| 1.00          | PRISORINE 3515             | Isostearyl Alcohol  | Croda                       |
| 1.00          | ELEMENT14 PDMS 5-A         | Dimethicone   | Momentive                   |
| <b>Part 2</b> |                            |   |                             |
| 15.20         | Deionized Water            | Water   |                             |
| 2.00          | Butylene Glycol            | Butylene Glycol   | Ruger Chemical              |
| 0.80          | AMP ULTRA® PC 2000         | 2-Amonoisobutanol   | Angus Chemical Company      |
| 0.15          | Natrosol® 250 HHR          | Hydroxyethylcellulose   | Ashland                     |
| 0.10          | PROTACIDE Na3 EDTA™        | Trisodium EDTA  | Protameen                   |
| 0.10          | Jeen Potassium Sorbate USP | Potassium Sorbate   | Jeen International          |
| 0.10          | <b>AQUA KEEP 10SH-NFC</b>  | Sodium Acrylates Crosspolymer-2   | <b>Kobo Products</b>        |
| 0.05          | S-6W-6                     | Simethicone   | Shin-Etsu                   |
| <b>Part 3</b> |                            |   |                             |
| 20.00         | <b>DAITOSOL 5000AD</b>     | Acrylates Copolymer (And) Water   | <b>Daito/Kobo Products</b>  |
| 20.00         | <b>WSJ20EBAMP-O</b>        | Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Iron Oxides (CI 77499) (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Aminomethyl Propanol | <b>Kobo Products</b>        |
| 10.00         | <b>WSJ10CB-NP</b>          | Black 2 (And) PEG-40 Hydrogenated Castor Oil (And) Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Aminomethyl Propanol (And) Sodium Dehydroacetate               | <b>Kobo Products</b>        |
| 5.00          | <b>DAITOSOL 5000STY</b>    | Styrene/Acrylates Copolymer (And) Water   | <b>Daito/Kobo Products</b>  |
| 5.00          | <b>DAITOSOL U9-40</b>      | Water (And) Acrylates Copolymer (And) Polyurethane-1 (And) Alcohol  | <b>Daito/Kobo Products</b>  |
| 0.60          | <b>DSPCS/20N-I2</b>        | Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate  | <b>Kobo Products</b>        |
| <b>Part 4</b> |                            |   |                             |
| 0.80          | Euxyl® PE 9010             | Phenoxyethanol (And) Ethylhexylglycerin   | Schulke & Mayr              |
| <b>100.00</b> |                            |   |                             |

## Description:

This mascara's ability to form individual "tubes" around the eyelashes is due to the combination of DAITOSOL 5000STY, DAITOSOL 5000AD, and DAITOSOL U9-40. They give an oversized look to each individual lash upon application. Kobo's black iron oxide dispersion, WSJ20EBAMP-O, and carbon black dispersion, WSJ10CB-NP, provide the deep black color and film forming properties. PLANDOOL™-G helps the mascara glide smoothly onto the lashes. AQUA KEEP 10SH-NFC gels the aqueous phase of the formula. Kobo's microsphere complex DSPCS/20N-I2 gives the lashes both length and volume, while providing them with a long lasting curl.

## Manufacturing Procedure:

Oil Phase :

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

2. Once at 75°C, add dimethicone.

Water Phase (Main Beaker):

1. Record tare weight of main beaker and sweep.

2. Add water to the main beaker. Begin heating to 60°C with prop mixing. Maintain temperature.

3. Add Trisodium EDTA and Potassium Sorbate. Mix until fully dissolved. Begin heating to 85°C.

4. Pre-mix Butylene Glycol, Natrosol, and Aquakeep with spatula. Add mix to the main beaker. Mix until uniform and clear.
5. Add AMP Ultra, mix for 10 minutes.

6. Add Simethicone. Mix 5 mins.

Emulsification and cool down:

1. Add Oil phase into water phase, maintain mixing and temperature around 85°C for 15 minutes.

2. Begin to air cool.

3. Change prop to sweep when the bulk becomes thicker.

4. Add film formers and DSPCS/20N-I2 pre-mixed to the batch at 45°C, followed by dispersions, and then Euxyl®.

5. Add back correct amount of Water.

6. Air cool and mix until bulk reaches 28°C, stop mixing.



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KMA-077

# Waterproof Mascara

| %             | INGREDIENT            | INCI NAME  | SUPPLIER              |
|---------------|-----------------------|--|-----------------------|
| <b>Part 1</b> |                       |  |                       |
| 21.80         | Permethyl® 99A        | Isododecane  | Presperse             |
| 3.00          | Ganex™ V-216          | PVP/Hexadecene Copolymer   | Ashland               |
| 2.00          | KF-995                | Cyclopentasiloxane   | Shin-Etsu             |
| 1.50          | Ganex™ V-220          | PVP (and) VP/Eicosene Copolymer  | Ashland               |
| 1.00          | Protachem CTG         | Caprylic/Capric Triglyceride   | Protamein             |
| 0.80          | Eutanol® G            | Octyldodecanol   | BASF                  |
| <b>Part 2</b> |                       |  |                       |
| 10.00         | Paraffin Wax 434      | Paraffin   | Strahl & Pitsch       |
| 3.00          | Beeswax White Sp 422P | Beeswax  | Strahl & Pitsch       |
| 2.50          | Carnauba Wax SP 63P   | Copernicia Cerifera (Carnauba) Wax   | Strahl & Pitsch       |
| <b>Part 3</b> |                       |  |                       |
| 10.00         | Bentone Gel® ISD V    | Isododecane (And) Disteardimonium Hectorite (And) Propylene Carbonate  | Elementis Specialties |
| 3.00          | Lexorez® 200          | Trimethylpentanediol/Adipic Acid/Glycerin Crosspolymer   | Inolex                |
| 2.00          | KOBOGUARD® MQ75ETS    | Trimethylsiloxysilicate (And) Ethyl Trisiloxane  | Kobo Products         |
| 2.00          | Panalane® H-300E      | Hydrogenated Polyisobutene   | Vantage               |
| <b>Part 4</b> |                       |  |                       |
| 20.00         | 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 5</b> |                       |  |                       |
| 10.00         | Deionized Water       | Water  |                       |
| 0.20          | Potassium Sorbate     | Potassium Sorbate  | Jeen International    |
| <b>Part 6</b> |                       |  |                       |
| 0.50          | Salcare® SC10         | POLYQUATERNIUM-7   | BASF                  |
| <b>Part 7</b> |                       |  |                       |
| 0.70          | Phenoxetol®           | Phenoxyethanol   | Clariant              |
| 0.50          | Lexgard® O            | Caprylyl Glycol  | Inolex                |
| <b>Part 8</b> |                       |  |                       |
| 2.00          | MSS-500/3H            | Silica   | Kobo Products         |
| 2.00          | MICA S-12             | Mica (And) Isopropyl Titanium Triisostearate   | Kobo Products         |
| 1.00          | DSPCS/3H-12           | Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate   | Kobo Products         |
| 0.50          | BPA-500               | Polymethyl Methacrylate  | Kobo Products         |
| 100.00        |                       |  |                       |

## Description:

This waterproof mascara features a combination of Kobo microspheres and fillers. High oil absorbency microsphere and microsphere complex, MSS-500/3H and DSPCS/20N-12, provide the lashes with a long-lasting curl, while Mica S-12 and BPA-500 give excellent length and volume. Oil-soluble resin KOBOGUARD® MQ75ETS gives the mascara a waterproof and long-lasting film. PMLVP75B provides the lashes with a deep black color upon application.

## Manufacturing Procedure:

1. Heat Part 1 in main beaker to 75°C while prop mixing.
2. Add Part 2 to main beaker. Mix until waxes are melted.
3. Premix Part 3 and add to main beaker.
4. Add Part 4 to main beaker.
5. In side beaker, combine Part 5 and mix under propeller.
6. Add Part 6, followed by Part 7.
7. Heat this phase to 80°C. Once at 80°C, add to oil phase.
8. After emulsification, maintain the heat at 70°C for 15 minutes.
9. Begin to air cool.
10. Once batch reaches 50°C, add Part 8.
11. Switch to sweep and continue cooling.





KLP-161C

# Magic Color Change Lipstick (Blue to Purple)

| %             | INGREDIENT                   | INCI NAME  | SUPPLIER                       |
|---------------|------------------------------|--|--------------------------------|
| <b>Part 1</b> |                              |  |                                |
| 28.00         | COSMOL™ 222                  | Diisostearyl Malate  | Ikeda Corporation              |
| 23.00         | COSMOL™ 43V                  | Polyglyceryl-2 Triisostearate  | Ikeda Corporation              |
| 4.50          | CPF-3300@10cSt               | Phenyl Trimethicone  | Avantor/Kobo Products          |
| 1.75          | K7061                        | D&C RED NO. 21   | Sensient Cosmetic Technologies |
| <b>Part 2</b> |                              |  |                                |
| 11.25         | SALACOS® WO-6                | Dipentaerythryl Tri-Polyhydroxystearate                                      | Ikeda Corporation              |
| 8.16          | SW65U                        | Synthetic Wax (And) Titanium Dioxide (And) Isopropyl Titanium Triisostearate | Kobo Products                  |
| 7.00          | Ozokerite Wax White SP 1020P | Ozokerite  | Strahl & Pitsch                |
| 5.00          | PM WAX 82                    | Polyethylene (And) Microcrystalline Wax                                      | Toray/Kobo Products            |
| 5.00          | COSMOL™ 168ARV               | Dipentaerythryl Hexahydroxystearate/Hexastearate/Hexarosinate                | Ikeda Corporation              |
| 3.24          | SW30B1A                      | Synthetic Wax (And) Blue 1 Lake (And) Isopropyl Titanium Triisostearate      | Kobo Products                  |
| 2.50          | Carnauba Wax SP 63P          | Copernicia Cerifera (Carnauba) Wax   | Strahl & Pitsch                |
| 0.60          | SW40Y5A                      | Synthetic Wax (And) Yellow 5 Lake (And) Isopropyl Titanium Triisostearate    | Kobo Products                  |
| <b>100.00</b> |                              |  |                                |

## Description:

This color-changing lipstick appears blue in the stick, then turns a shade purple upon application based on the pH of an individual's skin. It features Kobo's SW pigmentary dispersions in Synthetic Wax which ease the manufacturing process and provide gloss and vivid color. CPF-3300@10cSt helps give the lipstick improved payoff as well as shine. PM WAX 82 is a combination of waxes used to structure the formulation.

## Manufacturing Procedure:

1. Combine Part 1 and homogenize until dye is dispersed.
2. Add Part 2 and heat to 85°C while prop mixing.
3. Pour into molds at 70°C.





KLP-164

# Rio Red Lipstick with FS Treated Pigments

| %             | INGREDIENT                        | INCI NAME   | SUPPLIER               |
|---------------|-----------------------------------|---|------------------------|
| <b>Part 1</b> |                                   |   |                        |
| 25.00         | Jeechem OP                        | Ethylhexyl Palmitate  | Jeen International     |
| 10.35         | RED 6BA S-FS08                    | Red 6 Lake (And) Perfluorooctyl Triethoxysilane                     | Kobo Products          |
| 10.00         | Plandool™-H                       | Phytosteryl/Isostearyl/Cetyl/Stearyl/Behenyl Dimer Dilinoleate      | Nippon/Kobo Products   |
| 10.00         | KOBOGUARD® 5400 CCT               | Hydrogenated Polycyclopentadiene (And) Caprylic/Capric Triglyceride | Kobo Products          |
| 5.00          | SunBoost ATB™                     | Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol | Kobo Products          |
| 3.45          | RBTD-M-FS                         | Titanium Dioxide (And) Perfluorooctyl Triethoxysilane               | Kobo Products          |
| 2.40          | BWBO-FS                           | Iron Oxides (CI 77499) (And) Perfluorooctyl Triethoxysilane         | Kobo Products          |
| 1.95          | BWRO-FS                           | Iron Oxides (CI 77491) (And) Perfluorooctyl Triethoxysilane         | Kobo Products          |
| 0.75          | BWYO-FS                           | Iron Oxides (CI 77492) (And) Perfluorooctyl Triethoxysilane         | Kobo Products          |
| 0.10          | Methyl Paraben NF                 | Methylparaben   | International Sourcing |
| 0.10          | Propyl Paraben NF                 | Propylparaben   | International Sourcing |
| <b>Part 2</b> |                                   |   |                        |
| 12.00         | Permalene™ M 70 wax               | Synthetic Wax   | New Phase Technologies |
| 2.00          | SF1642                            | C30-45 Alkyl Dimethicone  | Momentive              |
| 2.00          | Dow Corning SW-8005 C30 Resin Wax | C30-45 Alkyldimethylsilyl Polypropylsilsequioxane                   | Dow Corning            |
| 1.70          | DC 2503 Cosmetic Wax              | Stearyl Dimethicone (and) Octadecene                                | Dow Corning            |
| <b>Part 3</b> |                                   |   |                        |
| 10.00         | MSS-500N-FS                       | Silica (And) Perfluorooctyl Triethoxysilane                         | Kobo Products          |
| 3.00          | MSS-500/3H                        | Silica  | Kobo Products          |
| 0.20          | S-6W-6                            | Simethicone   | Shin Etsu              |
| <b>100.00</b> |                                   |   |                        |

## Description:

This Rio Red Lipstick features Kobo's Fluoro Silane (FS) treated pigments, which exhibit both water and oil repellency and promote skin adherence and long wear. KOBOGUARD® 5400 CCT helps to enhance formula adhesion onto the lips. PLANDOOL™-H is a plant-derived lanolin alternative ester. SunBoost ATB™ contains a proprietary ratio of anti-oxidants, anti-irritant and anti-inflammatory agents. MSS-500N-FS, an FS treated silica microsphere, imparts an elegant slip and creaminess upon application. Kobo's Microsphere, MSS-500/3H, contributes to a creamy application and full coverage/payoff.

## Manufacturing Procedure:

1. Combine Part 1 - Homogenize until fully dispersed.
2. Switch to prop mix. Heat to 80° C - Add Part 2.
3. Slowly add Part 3 - continue mixing until homogeneous.
4. Pour into molds at 75° C.



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# KLG-026-BR Bright Gold Lip Gloss

| %             | INGREDIENT                 | INCI NAME  | SUPPLIER                   |
|---------------|----------------------------|--|----------------------------|
| <b>Part 1</b> |                            |  |                            |
| 30.00         | Panalene® H-300E           | Hydrogenated Polyisobutene   | Vantage                    |
| 29.00         | <b>COSMOL™ 222</b>         | Diisostearyl Malate  | <b>Ikeda/Kobo Products</b> |
| 10.00         | <b>SALACOS® 99</b>         | Isononyl Isononanoate  | <b>Ikeda/Kobo Products</b> |
| 10.00         | <b>SALACOS® 5418V</b>      | Pentaerythrityl Tetraisostearate   | <b>Ikeda/Kobo Products</b> |
| 1.00          | <b>NOMCORT® HK-G</b>       | Glyceryl Behenate/Eicosadioate   | <b>Ikeda/Kobo Products</b> |
| <b>Part 2</b> |                            |  |                            |
| 20.00         | <b>K-RAY® SM COPPER SP</b> | Synthetic Fluorophlogopite (And) Titanium Dioxide (And) Iron Oxides (CI 77491) | <b>Kobo Products</b>       |
| <b>100.00</b> |                            |  |                            |

## Description:

This lip gloss features K-RAY® SM COPPER SP, a pearlescent pigment made with a large particle size Synthetic Fluorophlogopite substrate, that imparts visual effects and sparkle. For shine and gloss, it features a combination of Ikeda Esters: SALACOS® 99, COSMOL™ 222 and SALACOS® 5318V. NOMCORT® HK-G is an oil phase gellant that increases viscosity and stability.

## Manufacturing Procedure:

1. Mix all ingredients of Part 1.
2. Heat to 80°C - 85°C.
3. Add Part 2 and mix until complete homogenization.





KFL-134

# Water Break Skin Moisturizer with Plandool™-LG1

| %             | INGREDIENT                            | INCI NAME   | SUPPLIER                    |
|---------------|---------------------------------------|---|-----------------------------|
| <b>Part 1</b> |                                       |   |                             |
| 79.69         | Deionized Water                       | Water   |                             |
| 4.00          | Glycerin U.S.P. F.C.C. 96%            | Glycerin  | Ruger Chemical              |
| 3.50          | Zemea®                                | Propanediol   | Du Pont Chemicals           |
| 0.20          | PEMULEN TR-1                          | Acrylates/C10-30 Alkyl Acrylate Crosspolymer                          | Lubrizol                    |
| 0.05          | Dermofeel® PA-3                       | Sodium Phytate (And) Aqua (And) Alcohol                               | Kinetik Technologies, Inc.  |
| <b>Part 2</b> |                                       |   |                             |
| 0.30          | Lecinol S-10                          | Hydrogenated Lecithin   | Barnet                      |
| <b>Part 3</b> |                                       |   |                             |
| 4.00          | Protachem™ CTG                        | Caprylic/Capric Triglyceride  | Protameen                   |
| 4.00          | Emulfree® CBG                         | Isostearyl Alcohol (and) Butylene Glycol Cocoate (and) Ethylcellulose | Gattefosse                  |
| 2.00          | <b>Plandool™-LG1</b>                  | Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate                    | <b>Nippon/Kobo Products</b> |
| <b>Part 4</b> |                                       |   |                             |
| 1.00          | Xiameter® PMX-200 Silicone Fluid 50CS | Dimethicone   | Dow Corning                 |
| 0.10          | Covi-ox® T 70 C                       | Tocopherol  | BASF                        |
| <b>Part 5</b> |                                       |   |                             |
| 0.50          | Glydant®                              | DMDM Hydantoin  | Lonza                       |
| 0.40          | Phenoxetol™                           | Phenoxyethanol  | Clariant                    |
| <b>Part 6</b> |                                       |   |                             |
| 0.26          | Potassium Hydroxide 30%               | potassium hydroxide   | Spectrum Chemical           |
| <b>100.00</b> |                                       |   |                             |

## Description:

This moisturizer formula is a lightweight serum-type lotion that provides a wet application yet dries to form a light moisture barrier film on skin. PLANDOOL™-LG1 is a high melt point wax that forms lamellar bi-layers on skin for moisture barrier protection.

## Manufacturing Procedure:

1. Sprinkle Pemulen TR-2 into Part 1 with fast speed propeller mixing. Heat to 55-60°C.
2. With fast speed propeller mixing, sprinkle Part 2 into Part 1 and mix well. (Maintain heat)
3. Heat Part 3 to 75°C. Medium speed propeller mix until all is melted and phase is uniform.
4. Add Part 4 to Part 3 and cool to 55-60°C.
5. With fast speed propeller mixing, add Parts 3 and 4 to Parts 1 and 2. Fast propeller mix for 15-20 minutes, maintaining a temperature between 55-60°C.
6. Begin ambient cooling the batch with moderate speed propeller mixing. At temperature less than 40°C, add Part 5 ingredients one at a time to batch while maintaining fast speed propeller mixing.
7. With fast speed propeller mixing, cool the batch to 30-35°C. Add Part 6 to batch and fast speed propeller mix until a smooth soft, uniform gel is formed.



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KFL-135C

# Revitalizing Clear Serum with Softspheres™ – Pearl Tan & Pearl White

| %             | INGREDIENT                                | INCI NAME   | SUPPLIER                     |
|---------------|---|---|------------------------------|
| <b>Part 1</b> |   |   |                              |
| 43.50         | Deionized Water                           | Water   | Lubrizon, Inc.               |
| 0.20          | Carbopol® Ultrez 10                       | Carbomer  |                              |
| <b>Part 2</b> |   |   |                              |
| 40.40         | Glycerin U.S.P. Natural 96%               | Glycerin  | Ruger Chemical               |
| 10.50         | <b>CES-1104</b>                           | Dimethicone (And) Water (And) Glycerin (And) Pentylene Glycol (And) Dimethicone/Vinyl Dimethicone Crosspolymer (And) Amodimethicone (And) Carbomer (And) Phenoxyethanol (And) Sodium Hydroxide (And) Disodium Edta        | <b>Avantor/Kobo Products</b> |
| 0.90          | Euxyl® PE 9010                            | Phenoxyethanol (And) Ethylhexylglycerin   | Schulke & Mayr               |
| <b>Part 3</b> |   |   |                              |
| 0.50          | Sodium Hydroxide 5 N (20%) weight/volume) | Water (And) Sodium Hydroxide  | Ricca Chemical Company       |
| <b>Part 4</b> |   |   |                              |
| 2.00          | <b>Sp-VEADC56a</b>                        | Water (And) Propylene Glycol (And) Tocopheryl Acetate (And) Mica (And) Agar (And) Polyquaternium-11 (And) Imidazolidinyl Urea (And) Titanium Dioxide (And) Phenoxyethanol (And) Parabens (And) Iron Oxides (CI 77491)     | <b>Kobo Products</b>         |
| 2.00          | <b>SpS-5coral56a</b>                      | Water (And) Propylene Glycol (And) Pentylene Glycol (And) Mica (And) Tocopheryl Acetate (And) Polyquaternium-11 (And) Agar (And) Iron Oxides (CI 77491) (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Titanium Dioxide | <b>Kobo Products</b>         |
| <b>100.00</b> |   |   |                              |

## Description:

This clear revitalizing serum contains CES-1104, an encapsulated elastomer gel which breaks upon application offering an instantly refreshing feel followed by a velvety silicone after feel. The Softspheres™, Sp-VEADC56a and SpS-5coral56a, add a colorful visual effect to the serum. Both of these Softspheres™ contain entrapped active Tocopheryl Acetate which is delivered to the skin upon breakage of the Softspheres™.

## Manufacturing Procedure:

1. Slowly disperse carbomer into water under slow mixing.
2. Add Part 2 to Part 1 and mix slowly until homogeneous.
3. Neutralize to the desired viscosity with Part 3.
4. Hand mix in Part 4.







KFL-142

# Chromatic Silver Face Mask with KTZ® MISTERIOSO PEWTER

| %             | INGREDIENT                    | INCI NAME   | SUPPLIER                    |
|---------------|-------------------------------|---|-----------------------------|
| <b>Part 1</b> |                               |   |                             |
| 59.25         | Deionized Water               | Water   |                             |
| 4.00          | Glycerin U.S.P. Natural 96%   | Glycerin  | Ruger Chemical              |
| 0.60          | <b>CHARCOPOWDER</b>           | Charcoal Powder   | <b>Daito/ Kobo Products</b> |
| 0.50          | Sodium Citrate                | Sodium Citrate  | DSM Nutritional Products    |
| 0.15          | KELTROL® CG                   | Xanthan Gum   | CP Kelco                    |
| 0.10          | Trisodium EDTA                | Trisodium EDTA  | M. Cassab                   |
| 0.10          | Citric Acid                   | Citric Acid   | DSM Nutritional Products    |
| <b>Part 2</b> |                               |   |                             |
| 2.00          | Sulfochem™ ES-2CWK            | Sodium Laureth Sulfate  | Lubrizol                    |
| 2.00          | Deionized Water               | Water   |                             |
| <b>Part 3</b> |                               |   |                             |
| 3.50          | Ethanol 24,511-9              | Ethyl Alcohol   | Aldrich Chemical Co.        |
| 3.50          | BENTONITE,ALBAGEL PREM NF BC  | Bentonite   | Brenntag Specialties        |
| <b>Part 4</b> |                               |   |                             |
| 4.00          | Lipomulse® 165                | Glyceryl Stearate (And) PEG-100 Stearate                            | Vantage                     |
| 2.50          | Jeechem EGMS                  | Ethylene Glycol Monostearate  | Jeen International          |
| 2.50          | Lipocol® C                    | Cetyl Alcohol   | Vantage                     |
| 2.00          | <b>SunBoost ATB™</b>          | Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol | <b>Kobo Products</b>        |
| 0.20          | <b>BTD-401</b>                | Titanium Dioxide (And) Isopropyl Titanium Triisostearate            | <b>Kobo Products</b>        |
| <b>Part 5</b> |                               |   |                             |
| 0.70          | Euxyl® PE 9010                | Phenoxyethanol (And) Ethylhexylglycerin                             | Schulke & Mayr              |
| <b>Part 6</b> |                               |   |                             |
| 12.40         | <b>KTZ® MISTERIOSO PEWTER</b> | Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77499)            | <b>Kobo Products</b>        |
| <b>100.00</b> |                               |   |                             |

## Description:

This face mask contains KTZ® MISTERIOSO PEWTER to impart the intense chromatic silver color. SunBoost ATB™ is a blend of anti-oxidant, anti-irritant and anti-inflammatory agents which provides the skin with conditioning, antioxidant and soothing benefits. BTD-401 is an easily dispersed, treated Titanium Dioxide which lightens the color of the formulation. Daito's CHARCOPOWDER contributes absorbing properties.

## Manufacturing Procedure:

1. Combine Part 1 under prop mixer, first mixing the glycerin and xanthan gum, then adding it to the water. Once fully dissolved add the rest of Part 1 and mix until uniform. Heat to 80°C.
2. In side dish, combine Part 2.
3. For Part 3, slowly add the bentonite into the ethanol and make another slurry.
4. Add Part 3 to Part 2 and make a slurry.
5. Add the mixture of Parts 2 and 3 to Part 1 and continue prop mixing and heating.
6. Combine Part 4 under prop mix and heat to 85°C.
7. Slowly add Part 4 at 80°C and mix.
8. Start cooling to 50°C and slowly add Part 5 and 6, respectively and mix until uniform.
9. Stop mixing at 40°C and let cool.





KFL-143  
Men's Oil Scrub

| %             | INGREDIENT                    | INCI NAME   | SUPPLIER             |
|---------------|-------------------------------|---|----------------------|
| <b>Part 1</b> |                               |   |                      |
| 93.74         | <b>JOS10M5</b>                | Simmondsia Chinensis (Jojoba) Seed Oil (And) Silica   | <b>Kobo Products</b> |
| 5.00          | <b>KoboScrub™ SD-200</b>      | Silica  | <b>Kobo Products</b> |
| 0.50          | <b>Euxyl® PE 9010</b>         | Phenoxyethanol (And) Ethylhexylglycerin   | Schulke & Mayr       |
| 0.15          | <b>KTZ® MISTERIOSO PEWTER</b> | Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77499)  | <b>Kobo Products</b> |
| 0.15          | <b>KTZ® EBONY</b>             | Iron Oxides (CI 77499) (And) Mica   | <b>Kobo Products</b> |
| 0.01          | <b>CO60B</b>                  | Iron Oxides (CI 77499) (And) Ricinus Communis (Castor) Seed Oil (And) Isopropyl Titanium Triisostearate | <b>Kobo Products</b> |
| <b>Part 2</b> |                               |   |                      |
| 0.45          | Hydra Men 32                  | Fragrance   | Givaudan/Brenntag    |
| <b>100.00</b> |                               |   |                      |

**Description:**

This men's oil scrub features Kobo's Silica scrubbing beads, KoboScrub™ SD-200, which exfoliate the skin. Jojoba Oil gellant, JOS10M5 makes up the base of the formulation and restores natural oils to the skin. The combination of CO60B with KTZ® MISTERIOSO PEWTER and KTZ® EBONY enhances the color effect in the component.

**Manufacturing Procedure:**

1. Combine Part 1 and side sweep until materials are evenly dispersed.
2. Add Part 2 under side sweep.

**Notes:**

Massage scrubbing oil into skin and let sit for 10 minutes. Remove with warm, wet towel.





KFL-144

# Selfie Ready Primer with KoboBlur™ 100 Natural

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

## Description:

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

## Manufacturing Procedure:

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



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KFL-145

# Oil-Control, Crease-Free Primer with MST-E8

| %             | INGREDIENT                   | INCI NAME   | SUPPLIER                       |
|---------------|------------------------------|---|--------------------------------|
| <b>Part 1</b> |                              |   |                                |
| 49.10         | ELEMENT14 PDMS 5-A           | Dimethicone   | Momentive                      |
| 5.70          | Performalene® PL             | Polyethylene  | New Phase                      |
| 5.40          | Ozokerite Wax White SP 1020P | Ozokerite   | Strahl & Pitsch                |
| 5.00          | <b>MST-E8</b>                | Vinyl Dimethicone/Methicone Silsesquioxane Crosspolymer                             | <b>Kobo Products</b>           |
| 3.60          | <b>PM WAX 82</b>             | Polyethylene (And) Microcrystalline Wax   | <b>Toray/Kobo Products</b>     |
| 3.00          | LexFeel® 7                   | Neopentyl Glycol Diheptanoate   | Ashland                        |
| 3.00          | <b>KOBOGUARD® 5400 CCT</b>   | Hydrogenated Polycyclopentadiene (And) Caprylic/Capric Triglyceride                 | <b>Kobo Products</b>           |
| 2.00          | <b>SunBoost ATB™</b>         | Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol                 | <b>Kobo Products</b>           |
| 2.00          | <b>CARESS® BN09</b>          | Boron Nitride   | <b>Bent Tree/Kobo Products</b> |
| 1.00          | Abil WE 09                   | Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate | Evonik                         |
| 0.10          | Propyl Paraben NF            | Propylparaben   | International Sourcing         |
| 0.10          | Methyl Paraben NF            | Methylparaben   | International Sourcing         |
| <b>Part 2</b> |                              |   |                                |
| 10.00         | <b>MSS-500W</b>              | Silica  | <b>Kobo Products</b>           |
| 10.00         | <b>KTZ® SM GLISTEN</b>       | Synthetic Fluorophlogopite (And) Titanium Dioxide                                   | <b>Kobo Products</b>           |
| <b>100.00</b> |                              |   |                                |

## Description:

This Oil-Control, Crease-Free Primer features MST-E8, an 8µm Soft Focus Spherical Elastomer Powder composed of Vinyl Dimethicone/Methicone Silsesquioxane Crosspolymer with a luxurious creamy texture. KTZ® SM GLISTEN is added for additional blurring effect to minimize the appearance of imperfections. KOBOGUARD® 5400 CCT, an oil soluble polymer, helps to enhance adhesion and substantivity of the formula. It improves water resistance and rub resistance while imparting gloss. SunBoost ATB™ contains a proprietary ratio of anti-oxidants, anti-irritant and anti-inflammatory agents. CARESS® BN09, Boron Nitride, gives superior softness, excellent adherence and provides good coverage. PM WAX 82 contributes to the structure of this formula. MSS-500W microsphere improves the application and after feel.

## Manufacturing Procedure:

1. Add Part 1 ingredients into main beaker and begin mixing with propeller agitation. Heat to 90°C for about 10 minutes.
2. Combine Part 2 ingredients in a separate beaker and mix well.
3. Add Part 2 ingredients to Part 1 slowly and mix well.





KFL-152

# Peel Off Mask with Exilva M 02-L

| %             | INGREDIENT                  | INCI NAME                    | SUPPLIER                  |
|---------------|-----------------------------|------------------------------|---------------------------|
| <b>Part 1</b> |                             |                              |                           |
| 63.10         | Deionized Water             | Water                        |                           |
| 10.00         | Selvol™ Ultalux FF          | Polyvinyl Alcohol            | Sekisui Plastics Co., Ltd |
| <b>Part 2</b> |                             |                              |                           |
| 10.00         | Ethanol 24,511-9            | Ethyl Alcohol                | Aldrich Chemical Co.      |
| <b>Part 3</b> |                             |                              |                           |
| 5.60          | Glycerin U.S.P. Natural 96% | Glycerin                     | Van Waters and Rogers     |
| 0.90          | PHENOXETOL                  | Phenoxyethanol               | Clariant                  |
| 0.40          | Aristoflex® Velvet          | Polyacrylate Crosspolymer-11 | Clariant                  |
| <b>Part 4</b> |                             |                              |                           |
| 10.00         | Exilva M 02-L               | Water (And) Cellulose        | Borregaard/Kobo Products  |
| <b>100.00</b> |                             |                              |                           |

## Description:

This Peel Off Mask features Exilva's excellent robustness and compatibility with Polyvinyl Alcohol and good stability at wide pH ranges.

## Manufacturing Procedure:

1. Combine Part 1 heat to 85°C - mix for 1 hour.
2. Cool Batch to 40°C - while mixing slowly.
3. slowly add Part 2 to batch
4. Combine Part 3 slurry then add to batch - slow mix for 30min.
5. Slowly add Part 4 to batch - slow mix for 10min.





KMU-028

# Facial Hydrating Spray with Exilva M 02-V

| %             | INGREDIENT                 | INCI NAME  | SUPPLIER                     |
|---------------|----------------------------|--|------------------------------|
| <b>Part 1</b> |                            |  |                              |
| 66.00         | Deionized Water            | Water  |                              |
| 1.00          | Avicell PC591              | Cellulose (And) Microcrystalline Cellulose   | Earth Supplied Products, LLC |
| <b>Part 2</b> |                            |  |                              |
| 15.00         | Exilva M 02-V              | Water (And) Cellulose  | Borregaard/Kobo Products     |
| 2.50          | Glycerin U.S.P. F.C.C. 96% | Glycerin   | Ruger Chemical               |
| 0.15          | EDTA BD                    | Disodium EDTA  | BASF Corporation             |
| <b>Part 3</b> |                            |  |                              |
| 5.00          | Deionized Water            | Water  |                              |
| 0.25          | PVP K-30                   | Poly(Vinyl Pyrrolidone)  | Ashland                      |
| <b>Part 4</b> |                            |  |                              |
| 3.50          | Zemea                      | Propanediol  | Du Pont Chemicals            |
| 0.50          | Symsave® H                 | Hydroxyacetophenone  | Symrise                      |
| 0.50          | PHENOXYTOL                 | Phenoxyethanol   | Clariant                     |
| <b>Part 5</b> |                            |  |                              |
| 5.00          | Ritamectant PCA            | Water (And) Sodium PCA   | RITA Corp.                   |
| 0.30          | Gs-VACE                    | Butylene Glycol (And) Water (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Phenoxyethanol (And) Ascorbic Acid (And) Parabens (And) Hydrogenated Lecithin (And) Tocopherol (And) Polysorbate 20 (And) Retinol (And) BHT (And) BHA | Kobo Products                |
| 0.30          | Cn-HAHWS                   | Water (And) Pentylene Glycol (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Sodium Hyaluronate (And) Hydrogenated Lecithin  | Kobo Products                |
| <b>100.00</b> |                            |  |                              |

## Description:

This white, translucent gel type liquid can be sprayed with a fine mist pump for a hydrating and finishing look. Exilva M 02-V provides the unique pseudoplastic rheology of the product; The formula becomes a sprayable thin liquid when sheered and resets in thickness immediately after the shear is stopped. Exilva M 02-V also dries to a smooth soft film for an exceptional skin feel. Kobo Glycospheres Gs-VACE provides encapsulated Retinol (Vitamin A), Ascorbic Acid (Vitamin C) and Tocopherol (Vitamin E). Cn-HAHWS provides encapsulated Sodium Hyaluronate (Skin moisturizer).

Product requires a shaker ball for shake before use application.

## Manufacturing Procedure:

1. Pre-mix Part 1 with fast speed propeller mixing.
2. Add Part 2 to batch and mix with fast speed propeller mixing for 30 minutes.
3. With medium speed mixing, add Part 3 ingredients one at a time.
4. Pre-mix Part 4 and add to the batch with medium speed mixing.
5. Maintaining medium speed mixing, add Part 5 ingredients one at a time.





KHP-022

# Hair Conditioner with Plandool™-LG4

| %             | INGREDIENT                | INCI NAME  | SUPPLIER  |
|---------------|---------------------------|--|---|
| <b>Part 1</b> |                           |  |   |
| 81.95         | Deionized Water           | Water  | Ruger Chemical<br>Stepan Company<br>Kinetik<br>Technologies, Inc. |
| 4.00          | Glycerin U.S.P. F.C.C 96% | Glycerin   |   |
| 3.50          | Ammonyx® Cetac-30         | Water (And) Cetrimonium Chloride                   |   |
| 0.05          | Dermofeel® PA-3           | Sodium Phytate (And) Aqua (And) Alcohol            |   |
| <b>Part 2</b> |                           |  |   |
| 4.00          | Lanette® O                | Cetearyl Alcohol                                   | BASF  |
| 2.50          | Genamin® BTLF             | Behentrimonium Chloride                            | Clariant  |
| 2.00          | <b>Plandool™-LG4</b>      | Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate | <b>Nippon/Kobo<br/>Products</b>                                   |
| <b>Part 3</b> |                           |  |   |
| 1.00          | Xiameter® OFX-8220 Fluid  | Amodimethicone                                     | Dow Corning   |
| <b>Part 4</b> |                           |  |   |
| 0.50          | Glydant®                  | DMDM Hydantoin                                     | Lonza   |
| 0.50          | CE-181964                 | Fragrance  | Custom Essence  |
| <b>100.00</b> |                           |  |   |

## Description:

This conditioning formula is a white, thick lotion that spreads easily into wet hair and provides conditioning and gloss for all hair types. KOBO's PLANDOOL™-LG4 provides the product's hair conditioning and gloss properties without leaving a heavy, greasy film.

## Manufacturing Procedure:

1. Add Part 1 in main vessel and heat to 85°C with moderate propeller mixing.
2. Heat Part 2 to 85°C. Mix well and continue heating until clear and uniform.
3. Add Part 3 to Part 2, then add Part 2 and 3 to Part 1 with fast propeller mixing.
4. Continue propeller mixing while cooling batch to 50°C.
5. Add Part 4 ingredients, one at a time, to batch with moderate propeller mixing. (Batch will begin to thicken at temperature below 45°C)
6. Cool batch while propeller mixing at fast speed while side sweeping until batch reaches 35 to 40 °C. Drop batch immediately.





KHP-023

# Platinum Gold Shock Hair Mascara

| %             | INGREDIENT             | INCI NAME   | SUPPLIER                   |
|---------------|------------------------|---|----------------------------|
| <b>Part 1</b> |                        |   |                            |
| 7.50          | Paraffin Wax 4344      | Paraffin  | Strahl & Pitsch            |
| 4.00          | Lipo® GMS-450          | Glyceryl Stearate   | Vantage                    |
| 3.00          | Carnauba Wax SP 63P    | Copernicia Cerifera (Carnauba) Wax  | Strahl & Pitsch            |
| 3.00          | Dermofat 4919          | Stearic Acid  | Alzo Chemical              |
| 2.00          | <b>KOBOGUARD® HRPC</b> | Hydrogenated Polycyclopentadiene (And) Polyethylene (And) Copernicia Cerifera (Carnauba) Wax (And) Tocopherol | <b>Kobo Products</b>       |
| 1.50          | Ganex® V-216           | VP/Hexadecane Copolymer   | Ashland                    |
| 1.00          | Permethyl® 104A        | Polyisobutene   | Presperse                  |
| 1.00          | Apifil CG              | PEG-8 Beeswax   | Gattefosse                 |
| <b>Part 2</b> |                        |   |                            |
| 20.00         | Deionized Water        | Water   |                            |
| 7.00          | <b>K-RAY® MagGold</b>  | Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77499)  | <b>Kobo Products</b>       |
| 2.00          | <b>SPC/BLACK NF-12</b> | Iron Oxides (CI 77499) (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate          | <b>Kobo Products</b>       |
| 0.80          | PVP K-30               | Poly(Vinyl Pyrrolidone)   | Ashland                    |
| 0.20          | Lexgard® O             | Caprylyl Glycol   | Inolex                     |
| 0.10          | Prisorine™ 3515        | Isostearyl Alcohol  | Croda                      |
| 0.05          | S-6W-6                 | Simethicone   | Shin-Etsu                  |
| <b>Part 3</b> |                        |   |                            |
| 26.95         | Deionized Water        | Water   |                            |
| 2.00          | Butylene Glycol        | Butylene Glycol   | Ruger Chemical             |
| 1.00          | KAOLIN                 | Kaolin  | Imerys                     |
| 1.00          | <b>MSS-500W</b>        | Silica  | <b>Kobo Products</b>       |
| 0.50          | AMP Ultra® PC 2000     | 2-Amonoisobutanol   | Angus Chemical Company     |
| 0.30          | Natrosol® 250 HHR CS   | Hydroxyethylcellulose   | Ashland                    |
| 0.20          | Keltrol® CG            | Xanthan Gum   | CP Kelco                   |
| 0.10          | Trisodium EDTA         | Trisodium EDTA  | Spectrum Chemical          |
| <b>Part 4</b> |                        |   |                            |
| 14.00         | <b>DAITOSOL 5000AD</b> | Acrylates Copolymer (And) Water   | <b>Daito/Kobo Products</b> |
| <b>Part 5</b> |                        |   |                            |
| 0.80          | Euxyl® PE 9010         | Phenoxyethanol (And) Ethylhexylglycerin   | Schulke & Mayr             |
| <b>100.00</b> |                        |   |                            |

## Description:

This hair mascara features Kobo's K-RAY® MagGold magnetic pearl. The controlled level of black iron oxide in K-RAY® MagGold gives the product its unique, deep gold shade. This pearl, along with the ITT treatment of microsphere complex SPC/BLACK NF-12, provides two hair attraction elements. KOBOGUARD® HRPC provides a plasticizing effect to the wax complex. DAITOSOL 5000AD contributes to water-resistant properties. MSS-500W gives body to the formula.

## Manufacturing Procedure:

### Oil Phase:

- Combine Part 1 in side beaker. Heat to 85-90°C with slow agitation with spatula.

### Grind Phase:

- Add water to beaker. Prop mix and heat to 60°C.

- Add PVP, followed by Isostearic Alcohol, Caprylyl Glycol and Simethicone.

- Sprinkle K-RAY® MagGold and SPC/BLACK NF-12 into the vortex. Mix until dispersed.

### Water Phase: (main beaker)

- Record tare weight of main beaker and sweep.

- Add water to the main beaker. Begin heating to 60°C with prop mixing.

- Add Trisodium EDTA.

- Pre-mix Butylene Glycol, Natrosol and Xanthan Gum.

- Add grind phase.

- Heat to 85°C.

- Add AMP Ultra to batch. Then sprinkle in MSS-500W and Kaolin.

- Add Oil phase into water phase, maintain mixing and temperature around 85°C for 15 mins.

- Begin to air cool.

- Change to sweep when the bulk becomes thicker.

- Add film former to batch at 45°C.

- Add Euxyl PE 9010.

- Mix together for 5 minutes and QS missing weight with water.

- Air cool and mix until bulk reaches 28°C.



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