

FORMULARY

Cosmetagora 2020

KOBO

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KSL-344-BR Sport Sunscreen



| % | INGREDIENT | INCI NAME | SUPPLIER |
|---------------|----------------------------|---|----------------------------|
| Part 1 | | | |
| 37.40 | Deionized Water | Water | |
| 3.00 | Glycerin | Glycerin | CAAL |
| 0.80 | Liposorb® L-20 | Polysorbate 20 | Vantage |
| Part 2 | | | |
| 16.50 | HBQP75FZS | Zinc Oxide (And) Butyloctyl Salicylate (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane | Kobo Products |
| 13.00 | TNP50T7-ATB | C12-15 Alkyl Benzoate (And) Titanium Dioxide (And) Argania Spinosa Kernel Oil (And) Alumina (And) Hydrogen Dimethicone (And) Tocopheryl Acetate (And) Polyhydroxystearic Acid (And) Bisabolol | Kobo Products |
| 9.00 | SALACOS® 99 | Isononyl Isononanoate | Ikeda/Kobo Products |
| 8.00 | Xiameter® PMX-0245 | Cyclopentasiloxane | Dow Corning |
| 3.00 | ABIL® Care XL 80 | Bis-PEG/PPG-20/5 PEG/PPG-20/5 Dimethicone (and) Methoxy PEG/PPG-25/4 Dimethicone (and) Caprylic/Capric Triglyceride | Evonik |
| 1.50 | KOBOGUARD® 5400 CCT | Hydrogenated Polycyclopentadiene (And) Caprylic/Capric Triglyceride | Kobo Products |
| Part 3 | | | |
| 0.80 | Sepiplus™ 400 | Polyacrylate-13 (And) Polyisobutene (And) Polysorbate 20 | SEPPIC |
| Part 4 | | | |
| 3.00 | KOBOGUARD® 50AMP | Acrylates/Ethylhexyl Acrylate Copolymer (And) Water (And) Aminomethyl Propanol | Kobo Products |
| 1.00 | Cosmoguard SL-CP | Phenoxyethanol (and) Ethylhexylglycerin | Cosmotec |
| Part 5 | | | |
| 3.00 | MSS-500W | Silica | Kobo Products |
| 100.00 | | | |

Description:

This sunscreen offers long wear and water resistance and is ideal for use during workouts. It has a combination of film formers: KOBOGUARD® 50AMP, a flexible water phase film former and KOBOGUARD® 5400 CCT, a polycyclopentadiene resin that is soluble in the oil phase. It also has a combination of ZnO and TiO2 dispersions with boosters, SunBoost ATB and Butyloctyl Salicylate, that provides UVA and UVB protection using a low concentration of actives. SALACOS® 99 is a light ester that helps with spreadability. MSS-500W, a silica microsphere, helps reduce tackiness and give soft focus.

Manufacturing Procedure:

1. Combine Part 1
2. Mix Part 2 and add to Part 1 slowly while mixing.
3. Mix well until complete dispersion of the filters.
4. Add Parts 3, 4 and 5, mixing until completely homogeneous.

Active Ingredient(s):

| | |
|------------------|--------|
| Titanium Dioxide | 5.00% |
| Zinc Oxide | 11.80% |

Testing:

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





KSL-359D

Natural Zinc Oxide Balm



| % | INGREDIENT | INCI NAME | SUPPLIER |
|---------------|--------------------------|--|----------------------|
| Part 1 | | | |
| 25.00 | JOSP55XZJ | Zinc Oxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Polyhydroxystearic Acid (And) Jojoba Esters | Kobo Products |
| 24.80 | GCP45XZJ | Caprylic/Capric Triglyceride (And) Zinc Oxide (And) Polyhydroxystearic Acid (And) Jojoba Esters | Kobo Products |
| 18.89 | Protachem™ CTG | Caprylic/Capric Triglyceride | Protameen |
| 6.00 | MSS-500W | Silica | Kobo Products |
| 5.00 | SunBoost ATB Natural | Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol | Kobo Products |
| 2.00 | MSS-500/H | Silica | Kobo Products |
| 0.75 | SILICA SHELLS | Silica | Kobo Products |
| Part 2 | | | |
| 0.75 | FLORITE R | Calcium Silicate | Tomita/Kobo Products |
| Part 3 | | | |
| 12.00 | Plandool™-LG1 | Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate | Nippon/Kobo Products |
| 3.00 | Plandool™-LG3 | Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate | Nippon/Kobo Products |
| 1.75 | MAKIGREEN VELVET WAX POF | Vegetable Oil (And) Oryza Sativa (Rice) Bran Oil (And) Oryza Sativa (Rice) Bran Wax (And) Rhus Succedanea Fruit Wax (And) Helianthus Annuus (Sunflower) Seed Wax | Daito/ Kobo Products |
| Part 4 | | | |
| 0.06 | CE-181668 | Amyl Cinnamic Aldehyde | Custom Essence |
| 100.00 | | | |

Description:

A soft white, anhydrous Zinc Oxide Balm that offers minimal whitening to the skin and leaves a powdery, non-greasy after-feel. Kobo dispersions JOSP55XZJ and GCP45XZJ provide broad spectrum UVA/UVB SPF46 protection. SunBoost ATB Natural is a proprietary ratio of natural ingredients that boosts SPF efficacy. Plandool™-LG1 and Plandool™-LG3 provide skin barrier moisture protection and waterproofing properties. MAKIGREEN VELVET WAX POF provides body to the formula and gives a matte appearance on skin. MSS-500W and MSS-500/H provide both slip to the formula and mattifying properties. SILICA SHELLS and FLORITE R are excellent oil absorbers, even at low percentages.

Manufacturing Procedure:

1. With moderate propeller mixing, heat Part 1 to 70-75° C. Mix well until all is uniform.
2. Add Part 2 to Part 1 and continue mixing for 20 minutes and until the batch is smooth and uniform.
3. Add Parts 3 and 4, one at a time, with moderate propeller mixing, maintain temp @ 70-75 and mix for 20 minutes.
4. Ambient cool while propeller mixing at medium speed. Drop batch at 60-65° C.

NOTE: Product can be reworked without change in rheology (reheated and repoured)

Active Ingredient(s):

Zinc Oxide 23.66%

Testing:

SPF: in vivo on 3 subjects
CW: FDA method





KSL-392A

Mousse Sunscreen with NHP Dispersions



| % | INGREDIENT | INCI NAME | SUPPLIER |
|---------------|----------------------------|--|-------------------------------------|
| Part 1 | | | |
| 30.00 | NHP60MZ8SG | Zinc Oxide (And) C13-15 Alkane (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid | Kobo Products |
| 15.00 | NHP55STS | Titanium Dioxide (And) C13-15 Alkane (And) Stearic Acid (And) Aluminum Hydroxide (And) Polyhydroxystearic Acid | Kobo Products |
| Part 2 | | | |
| 12.00 | X-22-6711D | Dimethicone (And) PEG/PPG-18/18 Dimethicone | Shin-Etsu |
| 2.50 | COSMOL™ 43V | Polyglyceryl-2 Trisostearate | Ikeda |
| Part 3 | | | |
| 15.00 | CXG-1104 | Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer | Avantor/Kobo Products |
| 5.00 | KOBOGUARD® MQ60DM | Trimethylsiloxysilicate (And) Dimethicone | Kobo Products |
| 1.00 | Pelemol® GTB | Tribehenin | Phoenix Chemical |
| 1.00 | Panalene® H-300E | Hydrogenated Polyisobutene | Lipo Chemicals |
| Part 4 | | | |
| 0.10 | AQUA KEEP 10SH-NFC | Sodium Acrylates Crosspolymer-2 | Sumitomo Seika/Kobo Products |
| Part 5 | | | |
| 11.40 | Deionized Water | Water | Schulke & Mayr Ruger Chemical |
| 1.00 | Euxyl® PE 9010 | Phenoxyethanol (And) Ethylhexylglycerin | |
| 1.00 | Glycerin U.S.P. F.C.C. 96% | Glycerin | |
| Part 6 | | | |
| 5.00 | MSS-500W | Silica | Kobo Products |
| 100.00 | | | |

Description:

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

Manufacturing Procedure:

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

Active Ingredient(s):

| | |
|------------------|--------|
| Zinc Oxide | 17.10% |
| Titanium Dioxide | 6.84% |

Testing:

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



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KSL-401

Global Mineral Sunscreen Cream-using TiO₂ & ZnO Powders



| % | INGREDIENT | INCI NAME | SUPPLIER |
|---------------|------------------------------------|--|-------------------------|
| Part 1 | | | |
| 13.26 | MZO-35-11S5 | Zinc Oxide (And) Triethoxycaprylylsilane | Kobo Products |
| 11.00 | JTTO-MS7 | Titanium Dioxide (And) Alumina (And) Hydrogen Dimethicone | Kobo Products |
| 4.05 | HALLBRITE BHB | Butyloctyl Salicylate | Hallstar |
| 4.00 | SunBoost ATB | Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol | Kobo Products |
| 3.50 | Abil® WE 09 | Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate | Evonik |
| 3.50 | Bentone Gel® TNV | C12-15 Alkyl Benzoate (and) Stearalkonium Hectorite (and) Propylene Carbonate | Essential Ingredients |
| 3.00 | Dermol 89 | Ethylhexyl Isononanoate | Alzo International Inc. |
| 2.25 | Dowsil™ ES-5226 DM Formulation Aid | Dimethicone (and) PEG/PPG-18/18 Dimethicone | Dow Chemical |
| 2.19 | Dermol 25B | C12-15 Alkyl Benzoate | Alzo International Inc. |
| 1.00 | COSMOL™ 43V | Polyglyceryl-2 Triisostearate | Ikeda |
| 0.13 | TNP55TRR | Iron Oxides (CI 77491) (And) C12-15 Alkyl Benzoate (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid | Kobo Products |
| 0.03 | TNP55TRY | Iron Oxides (CI 77492) (And) C12-15 Alkyl Benzoate (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid | Kobo Products |
| Part 2 | | | |
| 3.75 | BRB Caprylyl Methicone | caprylyl methicone | BRB International |
| 0.50 | Pelemol® GTB | Tribehenin | Phoenix Chemical |
| Part 3 | | | |
| 35.06 | Deionized Water | Water | |
| Part 4 | | | |
| 3.00 | Glycerin U.S.P. F.C.C. 96% | Glycerin | Ruger Chemical |
| 0.20 | Keltrol® CG | Xanthan Gum | CP Kelco |
| Part 5 | | | |
| 2.00 | Resassol® DN | Diglycerin | Res Pharma/ Kinetik |
| 0.90 | Sodium Chloride | Sodium Chloride | Morton Salt |
| 0.15 | Protacide Na3 EDTA™ | Trisodium EDTA | Protameen |
| 0.10 | ALLANTOIN | Allantoin | Jeen International |
| Part 6 | | | |
| 0.90 | SymDiol® 68 | 1,2-Hexanediol (And) Caprylyl Glycol | Symrise |
| 0.50 | Symsave® H | Hydroxyacetophenone | Symrise |
| Part 7 | | | |
| 5.00 | MSS-500W | Silica | Kobo Products |
| 0.03 | KTZ® EBONY-11S4 | Iron Oxides (CI 77499) (And) Mica (And) Triethoxycaprylylsilane | Kobo Products |
| 100.00 | | | |

Description:

This all-mineral sunscreen cream is slightly tinted to minimize any whitening on skin. Kobo treated sunscreen powders MZO-35-11S5 and JTTO-MS7 provide the product's UVA and UVB protection. SunBoost ATB is a proprietary ratio of three ingredients that helps boost SPF and PFA (UVA) protection. The trans-oxide dispersions TNP55TRR and TNP55TRY, in combination with KTZ® EBONY-11S4, add a very slight beige tint to the product; this tint helps minimize any whitening on skin during application. MSS-500W provides a silky application and a dry, soft after feel.

Manufacturing Procedure:

1. In the main vessel, homogenize Part 1 until all powder is uniformly dispersed and phase is smooth.
2. Heat phase to 75-80°C. Add Part 2 and homogenize well until all is melted and phase is uniform.
3. In a side kettle, add Part 3. Pre-mix Part 4 and add to Part 3 with fast speed propeller mixing. Fast mix for at least 30 minutes until phase is thickened and smooth.
4. Heat Parts 3 and 4 to 50°C while mixing. Add Part 5 and premixed Part 6 ingredients, one at a time.
5. Cool Parts 1 and 2 to 65°C while homogenizing. Add small increments of water phase (Parts 3, 4, 5 and 6) to Parts 1 and 2. Homogenize at low to medium speed with each addition until batch is uniform and all water phase is emulsified.
6. Sprinkle Part 7 into batch and slowly homogenize until all powder is dispersed and the batch is smooth.
7. Cool batch while slowly homogenizing to 30°C. Fast speed homogenize the batch for 5 minutes while maintaining temperature at 30°C.

Active Ingredient(s):

| | |
|------------------|--------|
| Zinc Oxide | 12.60% |
| Titanium Dioxide | 8.70% |

Testing:

SPF: in vivo on 5 subjects
 UVA-PF: in vivo on 3 subjects
 CW: FDA method



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KLF-218

Creamy Stick Foundation

| % | INGREDIENT | INCI NAME | SUPPLIER |
|---------------|--|---|---|
| Part 1 | | | |
| 24.24 | Isotrearyl Isostearate | Isotrearyl Isostearate | Gattefosse |
| 15.90 | Protachem™ CTG | Caprylic/Capric Triglyceride | Protameen |
| 5.00 | CIO | Cetyl Ethylhexanoate | Barnet |
| 5.00 | SW5M5 | Synthetic Wax (And) Silica | Kobo Products |
| 3.00 | Beeswax White Sp 422P | Beeswax | Strahl & Pitsch |
| 3.00 | Xiameter PMX-0200 Silicone Fluid 1000cs | Dimethicone | Dow Corning |
| 3.00 | Candelilla Wax MK-2 | Euphorbia Cerifera (Candelilla) Wax | Strahl & Pitsch |
| 1.50 | SF1642 | C30-45 Alkyl Dimethicone | Momentive Performance Materials Inc |
| 0.50 | BV-OSC | Tetrahexyldecyl Ascorbate | Barnet |
| Part 2 | | | |
| 11.50 | TALC AJM | Talc | Kobo Products |
| 10.00 | SP-10 | Nylon-12 | Toray/Kobo Products |
| 8.35 | BTD-ASG2 | Titanium Dioxide (And) Stearoyl Glutamic Acid | Kobo Products |
| 5.00 | CARESS® BN09 | Boron Nitride | Bent Tree/Kobo Products |
| 1.94 | BYO-ASG3 | Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid | Kobo Products |
| 0.62 | BBO-ASG3 | Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid | Kobo Products |
| 0.53 | YELLOW 5AL-ASG4 | Yellow 5 Lake (And) Stearoyl Glutamic Acid | Kobo Products |
| 0.50 | Microcare® PPD | Talc (And) Phenoxyethanol (And) Decylene Glycol (And) Hydrated Silica | Thor Personal Care |
| 0.42 | BRO-ASG3 | Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid | Kobo Products |
| 100.00 | | | |

Description:

This super-creamy stick foundation melts on the skin upon application. It features Kobo's fumed silica gellant SW5M5 to give the formula body and the ability to glide upon application. It also features Kobo's ASG treated pigments to help give coverage as well as a creamy feel. ASG treated Yellow 5, helps brighten the foundation when applied to your skin. Fillers and microsphere, TALC AJM, CARESS® BN09 and SP-10 help give coverage and improve feel.

Manufacturing Procedure:

1. Place Part 1 in a beaker and heat to 80°C.
2. Blend Part 2 until color is fully developed.
3. Add Part 2 to Part 1 and mix under propeller until fully uniform.
4. Pour into stick component at 80°C.

Testing:

SPF: in vivo on 5 subjects
 UVA-PF: in vivo on 3 subjects
 CW: FDA method



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KLF-269

W/O Foundation with TTB Treatment For All Skin Types

| % | INGREDIENT | INCI NAME | SUPPLIER |
|---------------|------------------------------------|--|--|
| Part 1 | | | |
| 20.85 | TMF-1.5 | Methyl Trimethicone | Shin-Etsu |
| 4.50 | Dowasil ES-5227 DM Formulation Aid | Dimethicone (And) PEG/PPG-18/18 Dimethicone | Dow Chemical |
| 2.15 | KOBOGUARD® MQ65TMF | Trimethylsiloxysilicate (And) Methyl Trimethicone | Kobo Products |
| 2.15 | Lexol® PG 865 | Propylene Glycol Dicaprylate/Dicaprate | Inolex Chemical Company |
| 2.05 | KF-6028 | PEG-9 Polydimethylsiloxyethyl Dimethicone | Shin-Etsu |
| 0.85 | KF-6017 | PEG-10 Dimethicone | Shin-Etsu |
| Part 2 | | | |
| 9.15 | RBTD-TTB2 | Titanium Dioxide (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone | Kobo Products |
| 1.50 | BGYO-TTB2 | Iron Oxides (CI 77492) (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone | Kobo Products |
| 0.80 | BGRO-TTB2 | Iron Oxides (CI 77491) (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone | Kobo Products |
| 0.10 | BGBO-TTB2 | Iron Oxides (CI 77499) (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Isopropyl Titanium Triisostearate | Kobo Products |
| Part 3 | | | |
| 1.75 | COSMOL™ 43V | Polyglyceryl-2 Triisostearate | Ikeda |
| 0.90 | BENTONE® 38 V CG | Disteardimonium Hectorite | Essential Ingredients |
| Part 4 | | | |
| 0.90 | Reagent Alcohol 200 Proof | Denatured Alcohol | Pharmco Aaper |
| Part 5 | | | |
| 34.60 | Deionized Water | Water | |
| 1.75 | Butylene Glycol | Butylene Glycol | Pride Solvents & Chemicals Co. of NJ, Inc. |
| 1.10 | Glycerin U.S.P. Natural 96% | Glycerin | Univar USA Inc. |
| 0.90 | Sodium Chloride | Sodium Chloride | Morton Salt |
| 0.45 | Liposorb® L-20 | Polysorbate 20 | Vantage |
| 0.45 | Jeecide CAP-5 | Phenoxyethanol (And) Caprylyl Glycol (And) Potassium Sorbate (And) Water (And) Hexylene Glycol | Jeen International |
| Part 6 | | | |
| 8.70 | CXG-1104 | Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer | Avantor/Kobo Products |
| 3.50 | MSS-500/3N | Silica | Kobo Products |
| 0.90 | DSPCS/20N-12 | Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate | Kobo Products |
| 100.00 | | | |

Description:

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

Manufacturing Procedure:

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

Testing:

SPF: in vivo on 5 subjects
 UVA-PF: in vivo on 3 subjects
 CW: FDA method



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KFL-181B

Daily Facial Correcting Cream with HEV/Blue Light Protection

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

Description:

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

Manufacturing Procedure:

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

Testing:

SPF: in vivo on 5 subjects
 UVA-PF: in vivo on 3 subjects
 CW: FDA method



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KSL-378A-EU

Tinted Sunscreen with IR Protection



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

Description:

This tinted sunscreen features a combination of GCP45TV, a natural dispersion of attenuation grade TiO₂, 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 TiO₂-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





KSL-379

4 in 1 Multi-Purpose Sunscreen Cream



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

Description:

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

Manufacturing Procedure:

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

Active Ingredient(s):

Zinc Oxide 11.04%

Testing:

SPF: in vivo on 5 subjects
CW: FDA method



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KBL-024

Hydrating Pink Blush

| % | INGREDIENT | INCI NAME | SUPPLIER |
|---------------|-------------------------------------|---|----------------------------|
| Part 1 | | | |
| 59.40 | Deionized Water | Water | |
| 8.90 | Diglycerol | Diglycerin | Solvay |
| 0.40 | Sodium Chloride | Sodium Chloride | Morton Salt |
| 0.20 | GLW55GRSP | Iron Oxides (CI 77491) (And) Water (And) Glycerin (And) Sodium Polyacrylate (And) Cellulose Gum | Kobo Products |
| 0.20 | Trisodium Citrate Dihydrate | Sodium Citrate | Jungbunzlauer Canada, Inc. |
| Part 2 | | | |
| 14.15 | Xiameter PMX-200 Silicone Fluid 5CS | Dimethicone | Dow Corning |
| 4.00 | KSG-210 | Dimethicone (and) Dimethicone/PEG-10/15 Crosspolymer | Shin-Etsu |
| 2.00 | FADM65UTB | Titanium Dioxide (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Tocopheryl Acetate | Kobo Products |
| 2.00 | KSG-15 | Cyclopentasiloxane (And) Dimethicone/Vinyl Dimethicone Crosspolymer | Shin-Etsu |
| 1.50 | KTZ® BOLERO CROMATICO-11S2 | Titanium Dioxide (And) Mica (And) Iron Oxides (CI 77491) (And) Triethoxycaprylsilane | Kobo Products |
| 1.50 | KTZ® CLASSIC WHITE-11S2 | Mica (And) Titanium Dioxide (And) Triethoxycaprylsilane | Kobo Products |
| 0.75 | RED 27AL-11S3 | Red 27 Lake (And) Triethoxycaprylsilane | Kobo Products |
| Part 3 | | | |
| 4.00 | Simulgel™ EG | Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Isohexadecane (And) Polysorbate 80 | SEPPIC |
| Part 4 | | | |
| 1.00 | Denatured Ethanol | Alcohol | Chemical.net |
| 100.00 | | | |

Description:

This very light weight hydrating Blush features Kobo's GLW pigmentary dispersion, which allow easy addition of the pigment in this aqueous system. The FADM/TTB dispersion showcases the versatility of a TTB treated pigment as it is easily to incorporate into the silicone phase. The 11S Silane-Treated Pigment disperses easily and adheres well onto the skin. KTZ® CLASSIC WHITE-11S2 and KTZ® BOLERO CROMATICO-11S2 offer a unique pearlescent effect. Enlarged water droplets provides visual and hydrating properties, formula is not penetrating into pores.

Manufacturing Procedure:

1. Combine Part 1 prop mix until homogeneous. □
2. Combine Part 2 prop mix until homogeneous. □
3. Add Part 1 to Part 2 in very slow increments until uniform. □
4. Slowly add Part 3 in very slow increments via paddle mixing. □
5. Slowly add Part 4 until homogeneous.

Testing:

SPF: in vivo on 5 subjects
CW: FDA method



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KPP-031A

Silky Powder with 11SP Treatment

| % | INGREDIENT | INCI NAME | SUPPLIER |
|---------------|-----------------------------|--|----------------------|
| Part 1 | | | |
| 51.20 | TALC N-11SP | Talc (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid | Kobo Products |
| 35.00 | GMS-11SP | Mica (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid | Kobo Products |
| 7.50 | BTD-11SP | Titanium Dioxide (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid | Kobo Products |
| 0.90 | BWYO-11SP (C33-9001) | Iron Oxides (CI 77492) (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid | Kobo Products |
| 0.30 | BWRO-11SP (C33-8001) | Iron Oxides (CI 77491) (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid | Kobo Products |
| 0.10 | BWBO-11SP (C33-7001) | Iron Oxides (CI 77499) (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid | Kobo Products |
| Part 2 | | | |
| 5.00 | ELEMENT14 PDMS 350 | Dimethicone | Momentive |
| 100.00 | | | |

Description:

This silky feeling pressed powder contains Kobo's 11SP treated pigments and fillers. By using the combination of 11SP and dimethicone as the sole binder, this powder shows good pressability at low pressure and gives an ultra creamy feel.

Manufacturing Procedure:

1. Micropulverize Part 1 until color is fully developed.
2. Add Part 2 to Part 1.
3. Blend well.
4. Press at 250 psi.

Testing:

SPF: in vivo on 5 subjects
CW: FDA method





KPP-056C

Oil Absorbing, Natural Pressed Powder with FLORITE PS-10

| % | INGREDIENT | INCI NAME | SUPPLIER |
|---------------|----------------------|--|-------------------------------|
| Part 1 | | | |
| 39.18 | GMS-NJE3 | Mica (And) Jojoba Esters | Kobo Products |
| 38.00 | TALC N-NJE2 | Talc (And) Jojoba Esters | Kobo Products |
| 7.00 | RBTD-671-NJE2 | Titanium Dioxide (And) Jojoba Esters | Kobo Products |
| 5.00 | FLORITE PS-10 | Calcium Silicate | Tomita/Kobo Products |
| 1.00 | BYO-NJE3 | Iron Oxides (CI 77492) (And) Jojoba Esters | Kobo Products |
| 0.86 | BRO-NJE2 | Iron Oxides (CI 77491) (And) Jojoba Esters | Kobo Products |
| 0.50 | Lexgard® Natural | Glyceryl Caprylate (And) Glyceryl Undecylenate | Inolex Chemical Company |
| 0.46 | BBO-NJE2 | Iron Oxides (CI 77499) (And) Jojoba Esters | Kobo Products |
| Part 2 | | | |
| 8.00 | Jojoba Oil | Simmondsia Chinensis (Jojoba) Seed Oil | Desert Whale Jojoba Co., Inc. |
| 100.00 | | | |

Description:

This natural powder foundation provides sebum control properties to oily skin. It features FLORITE PS-10, which helps to absorb oil and also gives the powder a very creamy and smooth feel on skin. Kobo's patented Natural Jojoba Ester-treated pigments and powders (NJE) give great feel, even application, and good adherence on the skin, contributing to long wear.

Manufacturing Procedure:

1. Blend Part 1 through pulverizer until color is fully developed.
2. Add Part 2 and blend well.
3. Press at 450 psi.

Testing:

SPF: in vivo on 5 subjects
CW: FDA method

Notes:

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





KPP-104A

Creamy Pressed Powder with KoboBlur™ 100 Natural

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

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.

Testing:

SPF: in vivo on 5 subjects
 CW: FDA method



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KMU-023B

Natural Eyebrow Filler

| % | INGREDIENT | INCI NAME | SUPPLIER |
|---------------|------------------------------|---|--------------------------------|
| Part 1 | | | |
| 15.65 | ZnO-C-ASG3J | Zinc Oxide (And) Stearoyl Glutamic Acid | Kobo Products |
| 15.65 | MICA S-ASG3 | Mica (And) Stearoyl Glutamic Acid | Kobo Products |
| 9.04 | BBO-ASG3 | Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid | Kobo Products |
| 7.87 | MSS-500W | Silica | Kobo Products |
| 5.50 | BRO-ASG3 | Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid | Kobo Products |
| 3.14 | BYO-ASG3 | Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid | Kobo Products |
| Part 2 | | | |
| 18.37 | Protachem™ CTG | Caprylic/Capric Triglyceride | Protameen |
| 7.60 | Cetiol® CC | Dicaprylyl Carbonate | Cognis Corp. |
| 4.75 | SunBoost ATB Natural | Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol | Kobo Products |
| 3.63 | COSMOL™ 43V | Polyglyceryl-2 Triisostearate | Ikeda |
| 1.00 | Plandool™-LG1 | Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate | Nippon/Kobo Products |
| 0.40 | Carnauba Wax SP 63P | Copernicia Cerifera (Carnauba) Wax | Strahl & Pitsch |
| Part 3 | | | |
| 5.00 | Vegelight™ 1214 LC | Coconut Alkanes (And) Coco-Caprylate/Caprates | Grant Industries, Inc. |
| 1.00 | Polyaldo™ 10-1-0 K FG | Polyglyceryl-10 Oleate | Lonza |
| 0.40 | Lexgard® Natural | Glyceryl Caprylate (And) Glyceryl Undecylenate | Inolex Chemical Company |
| Part 4 | | | |
| 1.00 | CELL-U-LASH™ 40 | Cellulose | Kobo Products |
| 100.00 | | | |

Description:

This natural eyebrow filler features Kobo's ASG treated fillers and pigments which help to impart color, payoff and adhesion to brows. Kobo's silica microsphere, MSS-500W, provides payoff and glide during application. SunBoost ATB™ Natural is a proprietary ratio of anti-oxidant, anti-irritant and anti-inflammatory agents that nourishes brows. Kobo's cellulose fiber, CELL-U-LASH™ 40, fills in brows making them appear more even and covers sparse areas. Plandool™-LG1 improves malleability of the wax complex which increases bulk transfer to the brow.

Manufacturing Procedure:

1. Blend Part 1.
2. Heat Part 2 to 80° C under propeller agitation.
3. Slowly add Part 1 to Part 2 under prop mixer and start to gradually cool.
4. Slowly add Parts 3 and 4, respectively, to Parts 1 and 2 at 45° C.

Testing:

SPF: in vivo on 5 subjects
 CW: FDA method



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KEL-027B

Shamrock Gel Eyeliner Pot

| % | INGREDIENT | INCI NAME | SUPPLIER |
|---------------|------------------------------|--|---------------------|
| Part 1 | | | |
| 20.20 | Permethyl® 99A | Isododecane | Presperse |
| 16.30 | PMLVP45B1A | Blue 1 Lake (And) Isododecane (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Isopropyl Titanium Triisostearate | Kobo Products |
| 13.50 | PMLVP65Y | Iron Oxides (CI 77492) (And) Isododecane (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Isopropyl Titanium Triisostearate | Kobo Products |
| 10.00 | PM WAX 82 | Polyethylene (And) Microcrystalline Wax | Toray/Kobo Products |
| 7.20 | PMLVP75C | Titanium Dioxide (And) Isododecane (And) Isohexadecane (And) Isopropyl Titanium Triisostearate (And) Lecithin (And) Ethylene/Propylene/Styrene Copolymer (And) Polyhydroxystearic Acid (And) Butylene/Ethylene/Styrene Copolymer | Kobo Products |
| 5.00 | Protachem™ CTG | Caprylic/Capric Triglyceride | Protameen |
| 2.00 | Ozokerite Wax White SP 1020P | Ozokerite | Strahl & Pitsch |
| 1.00 | Eutanol® G | Octyldodecanol | BASF |
| Part 2 | | | |
| 20.00 | KOBOGUARD® 5400 IDD | Hydrogenated Polycyclopentadiene (And) Isododecane | Kobo Products |
| Part 3 | | | |
| 2.00 | DSPCS/3H-I2 | Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate | Kobo Products |
| 2.00 | MSS-500/3H | Silica | Kobo Products |
| Part 4 | | | |
| 0.80 | Phenoxetol® | Phenoxyethanol | Clariant |
| 100.00 | | | |

Description:

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

Manufacturing Procedure:

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

Testing:

SPF: in vivo on 5 subjects
CW: FDA method

Notes:

This formula is best applied with an angled eyeliner brush.



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KEY-064D

Purple Hot Pour Eyeshadow with ASG Treatment

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

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.

Testing:

SPF: in vivo on 5 subjects
CW: FDA method



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KEY-079

Water Jelly Eyeshadow

| % | INGREDIENT | INCI NAME | SUPPLIER |
|---------------|----------------------------|---|------------------------------|
| Part 1 | | | |
| 50.80 | Deionized Water | Water | |
| 5.00 | NET-WRS | Sorbeth-30 Tetraisostearate (and) Sorbitan Sesquiosostearate (and) PPG-8 Ceteth-20 (and) Beheneth-25 Methacrylate (and) Water | Barnet Products |
| 5.00 | Butylene Glycol | Butylene Glycol | Ruger Chemical |
| 0.70 | PHENOXETOL | Phenoxyethanol | Clariant |
| 0.20 | Liposorb® L-20 | Polysorbate 20 | Vantage |
| Part 2 | | | |
| 8.40 | SALACOS® 99 | Isononyl Isononanoate | Ikeda Corporation |
| 3.60 | CPF-3300@10cSt | Phenyl Trimethicone | Avantor/Kobo Products |
| 1.20 | INBP75EBR | Iron Oxides (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate | Kobo Products |
| Part 3 | | | |
| 3.00 | Glycerin U.S.P. F.C.C. 96% | Glycerin | Ruger Chemical |
| 0.10 | AQUA KEEP 10SH-NFC | Sodium Acrylates Crosspolymer-2 | Sumitomo Seika/Kobo Products |
| Part 4 | | | |
| 9.00 | KOBOGUARD® 50AMP | Acrylates/Ethylhexyl Acrylate Copolymer (And) Water (And) Aminomethyl Propanol | Kobo Products |
| 7.00 | KTZ® CRIMSON | Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77491) (And) Carmine | Kobo Products |
| 3.00 | KTZ® JAIPUR SUNSET | Titanium Dioxide (And) Mica (And) Iron Oxides (CI 77491) | Kobo Products |
| 3.00 | KTZ® INTERFINE GOLD | Mica (And) Titanium Dioxide | Kobo Products |
| 100.00 | | | |

Description:

This Water Jelly Eye Shadow is cool and smooth upon application due to Nusil's Phenyl Trimethicone, CPF-3300@10cSt, a silicone fluid that can improve spreadability and the formula's feel upon application. AQUAKEEP 10SH-NFC holds in water and helps give more body to the formula while KOBOGUARD® 50AMP helps with long wear. INBP75EBR adds a brown undertone, while KTZ® Pearls offer a nice pinkish tint and shimmer.

Manufacturing Procedure:

1. In main beaker, add Part 1 and homogenize.
2. In side beaker, add Part 3 and make a slurry. Then add to main beaker and homogenize until gel forms and it is fully uniform.
3. In side beaker, add Part 2 and mix until uniform. Then add to main beaker under homogenizer.
4. Switch to side sweep mixing and add Part 4 under side sweep mixing.

Testing:

SPF: in vivo on 5 subjects
CW: FDA method



KOBO
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KEY-109-BR

Natural Smoky Eyeshadow

| % | INGREDIENT | INCI NAME | SUPPLIER |
|---------------|--------------------|--|----------------------------|
| Part 1 | | | |
| 59.00 | MICA S-ASG3 | Mica (And) Stearoyl Glutamic Acid | Kobo Products |
| 14.00 | BTD-NJE2 | Titanium Dioxide (And) Jojoba Esters | Kobo Products |
| 10.90 | BRO-NJE2 | Iron Oxides (CI 77491) (And) Jojoba Esters | Kobo Products |
| 5.10 | BEUB-NJE3 | Ultramarines (And) Jojoba Esters | Kobo Products |
| Part 2 | | | |
| 4.00 | Tegosoft® CT | CAPRYLIC/CAPRIC TRIGLYCERIDE | Evonik |
| 1.00 | Lexgard® Natural | Glyceryl Caprylate (And) Glyceryl Undecylenate | Inolex |
| 1.00 | COSMOL™ 43V | Polyglyceryl-2 Triisostearate | Ikeda/Kobo Products |
| Part 3 | | | |
| 5.00 | KTZ® EBONY | Iron Oxides (CI 77499) (And) Mica | Kobo Products |
| 100.00 | | | |

Description:

This talc-free, Natural eyeshadow is a classic neutral shade for a smoky eye look. The shade is a combination of Kobo's Ecocert/Cosmos approved Jojoba Ester (NJE) treated pigments that show good skin affinity and creamy feel with KTZ® EBONY, a pearlescent pigment composed of natural mica. MICA S-ASG3 is a creamy mica with amino acid (ASG) treatment and COSMOL™ 43V, a vegetable origin ester that acts as liquid binder.

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. Add Part 3 and blend well.
3. Pass the bulk through the sieve.
4. Press at 500psi.

Testing:

SPF: in vivo on 5 subjects
 CW: FDA method





KLP-136C

W/Si High Intensity Matte Liquid Lipstick with PMLVP Dispersions

| % | INGREDIENT | INCI NAME | SUPPLIER |
|---------------|-----------------------------|--|--|
| Part 1 | | | |
| 17.50 | Permethyl® 99A | Isododecane | Presperse |
| 15.20 | PMLVP75C | Titanium Dioxide (And) Isododecane (And) Isohexadecane (And) Isopropyl Titanium Triisostearate (And) Lecithin (And) Ethylene/Propylene/Styrene Copolymer (And) Polyhydroxystearic Acid (And) Butylene/Ethylene/Styrene Copolymer | Kobo Products |
| 10.90 | PMLVP75R | Iron Oxides (CI 77491) (And) Isododecane (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Isopropyl Titanium Triisostearate | Kobo Products |
| 2.50 | CARESS® BN09 | Boron Nitride | Bent Tree/Kobo Products |
| 2.50 | MSS-500W | Silica | Kobo Products |
| 2.40 | KF-6106 | Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone | Shin-Etsu |
| 1.60 | PMLVP45B1A | Blue 1 Lake (And) Isododecane (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Isopropyl Titanium Triisostearate | Kobo Products |
| 1.20 | Abil® EM 90 | Cetyl PEG/PPG-10/1 Dimethicone | Evonik |
| 0.80 | Euxyl® PE 9010 | Phenoxyethanol (And) Ethylhexylglycerin | Schulke & Mayr |
| 0.60 | DC 5225C | Cyclopentasiloxane (And) PEG/PPG 18/18 Dimethicone | Dow Corning |
| 0.30 | FLORITE PS-10 | Calcium Silicate | Tomita/Kobo Products |
| Part 2 | | | |
| 16.10 | Deionized Water | Water | |
| 3.60 | Butylene Glycol | Butylene Glycol | Pride Solvents & Chemicals Co. of NJ, Inc. |
| 1.80 | Glycerin U.S.P. Natural 96% | Glycerin | Univar USA Inc. |
| 0.60 | Phenoxyetol | Phenoxyethanol | Clariant |
| 0.60 | Sodium Chloride | Sodium Chloride | Morton Salt |
| 0.30 | Magnesium Sulfate | Magnesium Sulfate | Orient Stars LLC |
| 0.20 | Liposorb® L-20 | Polysorbate 20 | Vantage Chemicals |
| 0.10 | Trisodium EDTA | Trisodium EDTA | Protameen |
| 0.10 | ALLANTOIN | Allantoin | Jeen International |
| Part 3 | | | |
| 16.10 | CXG-1104 | Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer | Avantor/Kobo Products |
| 2.50 | BPD-500W | HDI/Trimethylol Hexyllactone Crosspolymer (And) Silica | Kobo Products |
| 2.50 | SP-10 | Nylon-12 | Toray/Kobo Products |
| 100.00 | | | |

Description:

This High Intensity Matte Liquid Lipstick features PMLVP dispersions to offer full color development and better stability. SP-10, MSS-500W and FLORITE PS-10 help to improve feel and contribute to the matte effect. BPD-500W helps blur the appearance of wrinkles and fine lines on the lips. CXG-1104 is a silicone elastomer gel that gives a silky, powdery feel and velvet effect. CARESS® BN09, Boron Nitride, gives superior softness, excellent adherence and provides good coverage.

Manufacturing Procedure:

1. Combine Part 1 under homogenizer until uniform. □
2. Combine Part 2 and prop mix until homogeneous. □
3. Slowly add Part 2 to Part 1 until homogeneous. □
4. Slowly add Part 3 to batch until homogeneous.

Testing:

SPF: in vivo on 5 subjects
CW: FDA method



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KLP-162B

Shiny Cream Lipstick with MSS-500/5H

| % | INGREDIENT | INCI NAME | SUPPLIER |
|---------------|-------------------------------------|--|--------------------------------|
| Part 1 | | | |
| 14.00 | INBP45R7C | Red 7 Lake (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid | Kobo Products |
| 13.20 | COSMOL™ 222 | Diisostearyl Malate | Ikeda |
| 10.52 | COSMOL™ 168ARV | Dipentaerythryl Hexahydroxystearate/Hexastearate/Hexarosinate | Ikeda |
| 10.00 | COSMOL™ 43V | Polyglyceryl-2 Triisostearate | Ikeda |
| 10.00 | KOBOGUARD® 5400 CCT | Hydrogenated Polycyclopentadiene (And) Caprylic/Capric Triglyceride | Kobo Products |
| 7.98 | CPF-3300@10cSt | Phenyl Trimethicone | Avantor/Kobo Products |
| 7.00 | INBP70U | Titanium Dioxide (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid | Kobo Products |
| 6.00 | Ozokerite Wax White SP 1020P | Ozokerite | Strahl & Pitsch |
| 4.90 | PM WAX 82 | Polyethylene (And) Microcrystalline Wax | Toray/Kobo Products |
| 4.40 | INBP55EY | Iron Oxides (CI 77492) (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate | Kobo Products |
| 4.00 | CARESS® BN30 | Boron Nitride | Bent Tree/Kobo Products |
| 2.00 | SALACOS® 334 | Caprylic/Capric/Myristic/Stearic Triglyceride | Ikeda |
| Part 2 | | | |
| 6.00 | MSS-500/5H | Silica | Kobo Products |
| 100.00 | | | |

Description:

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

Manufacturing Procedure:

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

Testing:

SPF: in vivo on 5 subjects
 CW: FDA method



KOBO
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KLP-175

Fierly Red Bouncy Lip Powder with FAND Dispersion

| % | INGREDIENT | INCI NAME | SUPPLIER |
|---------------|---|---|--------------------------------|
| Part 1 | | | |
| 26.85 | FAND50R6BSI | Red 6 Lake (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane | Kobo Products |
| 20.95 | Xiameter® PMX-200 Silicone Fluid 5CS | Dimethicone | Dow Coming |
| 10.10 | CXG-1104 | Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer | Avantor/Kobo Products |
| 7.55 | COSMOL™ 43V | Polyglyceryl-2 Triisostearate | Ikeda |
| 3.35 | HL7M5 | Hydrogenated Polyisobutene (And) Silica | Kobo Products |
| 2.50 | Versagel® MG 1600 T | Hydrogenated Poly(C6-14 Olefin) (and) Ethylene/Propylene/Styrene Copolymer (and) Butylene/Ethylene/Styrene Copolymer (and) Pentaerythrityl Tetra-di-t-butyl Hydroxyhydrocinnamate | Penreco |
| 2.50 | KOBOGUARD® MQ65TMF | Trimethylsiloxysilicate (And) Methyl Trimethicone | Kobo Products |
| 1.70 | Velvetil 034 | Caprylyl Methicone (And) C30-45 Alkyl Cetearyl Dimethicone Crosspolymer | Momentive |
| 0.85 | Germaben® II | Propylene Glycol (And) Diazolidinyl Urea (And) Methylparaben (And) Propylparaben | Ashland |
| Part 2 | | | |
| 5.05 | PM WAX 82 | Polyethylene (And) Microcrystalline Wax | Toray/Kobo Products |
| 1.70 | NOMCORT® HK-G | Glyceryl Behenate/Eicosadioate | Ikeda |
| 0.85 | Softisan® 100 | Hydrogenated Coco-Glycerides | IOI Oleo GmbH |
| Part 3 | | | |
| 7.00 | CELLULOBEADS USF | Cellulose | Daito/Kobo Products |
| 5.00 | DSPCS-12 | Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate | Kobo Products |
| 4.00 | CARESS® BN09 | Boron Nitride | Bent Tree/Kobo Products |
| 0.05 | S-6W-6 | Simethicone | Shin-Etsu |
| 100.00 | | | |

Description:

This Bouncy Cream formula uses Kobo's FAND50R6BSI Dispersion, for the intense red shade and ease of pigment addition to the formula. CXG-1104 is a silicone elastomer that provides a silky, powdery feel. HL7M5 gellant is a thick semi-translucent oil gel which provides cushion. KOBOGUARD® MQ65TMF improves adhesion of the formula onto the lips for longer wear. PM WAX 82 contributes to the structure of this formula. CELLULOBEADS USF offers a multitude of benefits: when dispersed in an anhydrous base, it improves product texture and softness while also minimizing any greasy feel. DSPCS-12 gives light weight cushion and comfort. CARESS® BN09, Boron Nitride provides superior softness and tactility, spreadability, excellent adherence to lips, long lasting effect and good coverage.

Manufacturing Procedure:

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

Testing:

SPF: in vivo on 5 subjects
CW: FDA method



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KLP-220B-BR

Natural High Impact Lipstick

| % | INGREDIENT | INCI NAME | SUPPLIER |
|---------------|--------------------|---|----------------------------|
| Part 1 | | | |
| 32.41 | COSMOL™ 43V | Polyglyceryl-2 Triisostearate | Ikeda/Kobo Products |
| 15.00 | Tegosoft® CT | Caprylic/Capric Triglycerides | Cosmotec |
| 6.50 | Cera de Candelila | Candelilla (Euphorbia Cerifera) Wax | Cosmotec |
| 5.00 | Tecwax Abelha | Beeswax | Cosmotec |
| 5.00 | Manteiga de Karité | Shea Butter | Mapric |
| 2.00 | Tecwax Carnauba | Carnauba Wax | Cosmotec |
| 0.50 | Litchi | Fragrance | Symrise |
| 0.20 | Vanillin Powder | Vanillin | Symrise |
| 0.10 | DL-Alfa-Tocopherol | Tocopherol | Focus Química |
| Part 2 | | | |
| 22.30 | JOH65UJE | Titanium Dioxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica | Kobo Products |
| 9.09 | JOH55RJE | Iron Oxides (CI 77491) (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica | Kobo Products |
| 0.90 | JOH55BJE | Iron Oxides (CI 77499) (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica | Kobo Products |
| Part 3 | | | |
| 1.00 | MSS-500/3H | Silica | Kobo Products |
| 100.00 | | | |

Description:

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

Manufacturing Procedure:

1. Combine Part 1 under propeller mixing and heat to 80°C - 85°C.
2. Add Part 2 to Part 1 and mix until homogeneous.
3. Add Part 3 and mix until homogeneous.
4. Pour into molds at 78°C - 80°C.

Testing:

SPF: in vivo on 5 subjects
 CW: FDA method





KLP-226

Emollient Lipstick

| % | INGREDIENT | INCI NAME | SUPPLIER |
|---------------|-----------------------------------|--|-----------------------------|
| Part 1 | | | |
| 50.00 | Neosolue™-DiSM | Diisostearyl Malate | Nippon/Kobo Products |
| 4.00 | Lanolin Technical Grade | Lanolin | RITA |
| 2.00 | Cegesoft® SB | Butyrospermum Parkii (Shea) Butter | BASF |
| 1.00 | Lexgard® Natural | Glyceryl Caprylate (And) Glyceryl Undecylenate | Inolex |
| Part 2 | | | |
| 6.00 | Candelilla Wax SP 75 | Euphorbia Cerifera (Candelilla) Wax | Strahl & Pitsch |
| 4.50 | Beeswax White SP 422 | Beeswax | Strahl & Pitsch |
| 2.50 | Carnauba Wax SP 63P | Copernicia Cerifera (Carnauba) Wax | Strahl & Pitsch |
| Part 3 | | | |
| 30.00 | KTZ® SM EXTRAFINE CABERNET | Synthetic Fluorphlogopite (And) Iron Oxides (CI 77491) | Kobo Products |
| 100.00 | | | |

Description:

This lipstick is specifically formulated to achieve an emollient sensation and non-drying feel during wear. The formula contains KTZ® SM EXTRAFINE CABERNET, which gives a unique metallic finish. Neosolue™-DiSM contributes to a smooth texture and uniform color development.

Manufacturing Procedure:

1. Combine Part 1. Mix ingredients of Part 1 together while heating to 85°C with high shear propeller mixer.
2. Add Part 2. Prop mix until all waxes are solubilized and batch is clear.
3. Slowly add Part 3 to batch. Continue mixing at 85°C until pearl is fully wetted and batch is smooth and uniform. □
4. Pour into mold.

Testing:

SPF: in vivo on 5 subjects
 CW: FDA method





KFL-157

Face & Body Highlighting Illuminator Lotion

| % | INGREDIENT | INCI NAME | SUPPLIER |
|---------------|----------------------------|---|------------------------|
| Part 1 | | | |
| 53.68 | Deionized Water | Water | |
| 4.00 | Glycerin U.S.P. F.C.C. 96% | Glycerin | Ruger Chemical |
| 3.50 | Zemea® | Propanediol | Du Pont & Tate |
| 0.34 | Carbomer 980 | Carbomer | Lubrizol |
| Part 2 | | | |
| 7.15 | Jeechem CEO | Cetearyl 2-Ethylhexanoate | Jeen International |
| 3.75 | Eutanol® G | Octyldodecanol | BASF |
| 3.30 | Protachem™ CTG | Caprylic/Capric Triglyceride | Protameen |
| 2.75 | Lipocol® C | Cetyl Alcohol | Vantage |
| 2.75 | Hostaphat® KL 340 D | Trilaureth-4 Phosphate | Clariant |
| 2.35 | Lipo® GMS-450 Veg | Glyceryl Stearate | Vantage |
| 1.20 | Eumulgin® B 2 | Ceteareth-20 | BASF |
| 1.00 | SunBoost ATB | Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol | Kobo Products |
| 0.50 | Jeecol CS-12 | Ceteareth-12 | Jeen International |
| Part 3 | | | |
| 3.00 | AE® SIL-10 | Sclerocarya Birrea (Marula) Kernel Oil (And) Tetradecane | AE Chemie, Inc |
| Part 4 | | | |
| 0.34 | AMP Ultra® PC 2000 | Aminomethyl Propanol | Angus Chemical Company |
| Part 5 | | | |
| 3.76 | KTZ® SUBLIME WHITE | Mica (And) Titanium Dioxide | Kobo Products |
| 3.00 | KTZ® CELANDON GOLD | Titanium Dioxide (And) Mica (And) Iron Oxides (CI 77491) | Kobo Products |
| 2.63 | KTZ® ARUBAN CORAL | Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77491) | Kobo Products |
| Part 6 | | | |
| 1.00 | Mikrokill® COS | Phenoxyethanol (And) Chlorphenesin (And) Caprylyl Glycol | Ashland |
| 100.00 | | | |

Description:

For face highlighting and body illumination. A soft peaking, thick lotion that is pearlized with a coral to beige tint. Applies easily and leaves skin with a soft, pearlized glow. SunBoost ATB offers skin conditioning and skin soothing by the proprietary ratio of argan oil, bisabolol and tocopherol acetate. The formula's soft pearlized color and skin highlighting property is provided by a color blend of Kobo KTZ® ARUBAN CORAL, KTZ® SUBLIME WHITE and KTZ® CELANDON GOLD.

Manufacturing Procedure:

1. With fast speed propeller mixing, sprinkle Carbomer 980 into Part 1 and fast mix for 30 minutes. Heat with stirring to 65-70° C.
2. Heat Part 2 to 65-70° C or until all ingredients are melted and phase is uniform.
3. Mix Part 3 into Part 2, then add Parts 2 and 3 into Part 1 with moderate homogenization.
4. Begin cooling and homogenize batch until it is smooth and uniform.
5. Add Part 4 to batch with moderate homogenization. Scrape sides of kettle while slowly homogenizing until batch is smooth and uniform.
6. Sweep batch to 40-45°. Then transfer to a homogenizer and add Part 5 with slow to medium speed homogenization. Homogenize thoroughly until all powders are uniform and thoroughly blended into batch.
7. Add Part 6 with moderate to slow homogenization. Transfer batch to a sweep and sweep to 30-35° C.

Testing:

SPF: in vivo on 5 subjects
CW: FDA method



KOBO
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KFL-167 Morning Glow Serum

| % | INGREDIENT | INCI NAME | SUPPLIER |
|---------------|----------------------------|--|------------------------------|
| Part 1 | | | |
| 62.60 | Deionized Water | Water | |
| 0.50 | AQUA KEEP 10SH-NFC | Sodium Acrylates Crosspolymer-2 | Sumitomo Seika/Kobo Products |
| Part 2 | | | |
| 9.00 | CES-1104 | 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 | Avantor/Kobo Products |
| 9.00 | Glycerin U.S.P. F.C.C. 96% | Glycerin | Ruger Chemical |
| 0.90 | Euxyl® PE 9010 | Phenoxyethanol (And) Ethylhexylglycerin | Schulke & Mayr |
| Part 3 | | | |
| 1.00 | Cn-UR1000S | Water (And) Urea (And) Pentylene Glycol (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Hydrogenated Lecithin | Kobo Products |
| 1.00 | Gs-AHP | Water (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Phenoxyethanol (And) Parabens (And) Hydrogenated Lecithin (And) Acetyl Hexapeptide-8 | Kobo Products |
| 1.00 | Gs-RES | Water (And) Palmitoyl Hydroxypropyltrimonium Amylopectin/Glycerin Crosspolymer (And) Vitis Vinifera (Grape) Vine Extract (And) Phenoxyethanol (And) Parabens (And) Hydrogenated Lecithin | Kobo Products |
| Part 4 | | | |
| 3.00 | SunBoost ATB | Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol | Kobo Products |
| 3.00 | Dermol 25B | C12-15 Alkyl Benzoate | Alzo International Inc. |
| Part 5 | | | |
| 1.00 | Sepiplus™ 400 | Hydroxyethyl Acrylate / Sodium Acryloyldimethyl Taurate Copolymer & Isohexadecane & Polysorbate 60 | SEPPIC |
| Part 6 | | | |
| 5.00 | MSS-500/20N | Silica | Kobo Products |
| Part 7 | | | |
| 3.00 | HV-GOLD | Synthetic Fluorophlogopite (And) Titanium Dioxide (And) Polymethyl Methacrylate (And) Tin Oxide (And) Polyvinyl Alcohol | Nikko/Kobo Products |
| 100.00 | | | |

Description:

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

Manufacturing Procedure:

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

Testing:

SPF: in vivo on 5 subjects
CW: FDA method





KFL-183

Watermelon Purifying Clay Stick Mask

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

Description:

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

Manufacturing Procedure:

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

Testing:

SPF: in vivo on 5 subjects
CW: FDA method



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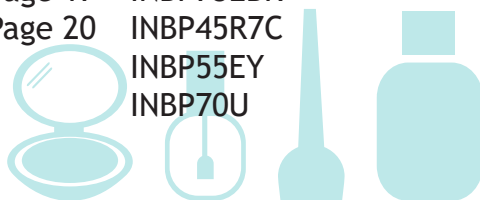
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