

FORMULARY

SWSCC Suppliers' Day 2022

KOBO

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KSL-487

Natural Zinc Oxide Creamy Sunscreen



%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
31.20	Deionized Water	Water	
2.00	SUPEROL® KPO, GLYCERIN 99.7% USP/FCC (KOSHER)	Glycerin	P&G Chemicals
0.80	Sodium Chloride	Sodium Chloride	Morton Salt
Part 2			
18.00	GC70MZCSG	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Stearoyl Glutamic Acid (And) Glyceryl Behenate/Eicosadioate	Kobo Products
16.00	Pelemol® CCT	Caprylic/Capric Triglyceride	Phoenix Chemical
12.00	ZNO-660-ASGP7	Zinc Oxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	Kobo Products
5.00	SunBoost ATB Natural	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
4.00	Emulium® Illustro	Polyglyceryl-6 Polyhydroxystearate (and) Polyglyceryl-6 Polyricinoleate (and) Polyglycerin-6	Gattefosse
2.00	Plandool™-LG2	Phytosteryl/Octyldodecyl Lauroyl Glutamate	Nippon/Kobo Products
2.00	Olivem® 900	Sorbitan Olivatate	Hallstar
2.00	JOS10M5	Simmondsia Chinensis (Jojoba) Seed Oil (And) Silica	Kobo Products
2.00	EMOGREEN™ L15	C15-19 Alkane	Seppic
Part 3			
1.00	Lexgard® Natural	Glyceryl Caprylate (And) Glyceryl Undecylenate	Inolex
Part 4			
2.00	CELLULOBEADS D-10-NPC2	Cellulose (And) Hydrogenated Lecithin	Kobo Products
100.00			

Description:

A creamy, natural origin Zinc Oxide sunscreen. GC70MZCSG and ZNO-660-ASGP7 provide UVA and UVB protection. SunBoost ATB Natural boosts SPF and PFA. JOS10M5 provides texture and emolliency. Plandool™-LG2 is an amino acid-derived ester that creates lameller liquid crystals and provides moisture barrier protection. CELLULOBEADS D-10-NPC2, a 10 micron cellulose microsphere with Hydrogenated Lecithin treatment, creates a creamy texture and contributes to product softness.

Manufacturing Procedure:

1. Combine Part 1 in a side beaker and mix until salt is completely dissolved.
2. Combine Part 2 and heat to 80°C. Start heating Part 1 to 80°C while keeping tightly covered.
3. With moderate homogenization, slowly add Part 1 to Part 2. Homogenize thoroughly until batch is completely emulsified.
4. With slow to moderate homogenization, add Part 3 followed by Part 4.
5. Cool batch with mixing to 40°C.

Active Ingredient(s):

Zinc Oxide 23.40%

Testing:

SPF: in vivo on 3 subjects
CW: FDA method



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KSL-491

All Zinc Natural Mousse Sunscreen



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

Description:

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

Manufacturing Procedure:

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

Active Ingredient(s):

Zinc Oxide 24.04%

Testing:

SPF: in vivo on 5 subjects
CW: FDA method



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KSL-492-EU

Natural No Residue Sunscreen Lotion



%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
11.30	DUB ZENOAT®	Propanediol Dicaprylate	Stéarinerie-Dubois
11.25	DUB 810 C	Coco Caprylate Caprate	Stéarinerie Dubois
10.00	ZnO-660-ASGP7	Zinc Oxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	Kobo Products
8.00	A10-TiO2-SA-ASG8	Titanium Dioxide (And) Aluminum Hydroxide (And) Stearoyl Glutamic Acid (And) Hydrated Silica	Kobo Products
4.00	SunBoost ATB Natural	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
3.00	PolyAqual™-VO4	Polyglyceryl-4 Oleate (and) Polyglyceryl-6 Oleate (and) Polyhydroxystearic Acid	DKSH
Part 2			
43.75	Deionized Water	Water	
2.00	Glycerin	Glycerin	Interchemie
1.50	Mg Sulfate Hept	Magnesium Sulfate Heptahydrate	Fisher Scientific
0.70	SymDiol® 68	1,2 Hexanediol (and) Caprylyl Glycol	Symrise
0.50	sensiva® PA 40	Phenylpropanol (and) Propanediol (and) Caprylyl Glycol (and) Tocopherol	Schulke & Mayr
Part 3			
2.00	CELLULOBEADS D-10-NPC2	Cellulose (And) Hydrogenated Lecithin	Kobo Products
2.00	MSS-500/N	Silica	Kobo Products
100.00			

Description:

A very simple, cold process w/o lotion containing mineral filters in surface treated powder form. The formula is very easy to spread on the skin, has a light feel and rubs in without any residue or white cast. A10-TiO2-SA-ASG8, a 10 nm PPS Titanium Dioxide with natural origin surface treatment and ZnO-660-ASGP7, a 25 nm PPS Zinc Oxide with superdispersible natural origin surface treatment disperse easily in chosen natural emollients. Both powders are non-nano by PS and chosen for their high transparency. Sunboost ATB Natural is used at 4% to boost UV protection and contribute antioxidant skin protection to the formula. CELLULOBEADS D10-NPC2, Cellulose beads with natural origin Hydrogenated Lecithin treatment which renders it ultra creamy and soft are used in combination with MSS-500/N, a 12 micron average PS non-absorbing silica bead to improve the feel, cut tack and impart a matte finish on the skin.

Manufacturing Procedure:

1. Prepare Part 1 by dispersing the powders in the liquid ingredients.
2. Mix Part 2.
3. Emulsify under propeller stirrer at 800-1000 rpm.
4. Homogenize for 1-2 minutes at 3000 rpm.
5. Add the powders of Part 3.

Active Ingredient(s):

Titanium Dioxide	5.25%
Zinc Oxide	9.30%

Testing:

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



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KSL-497

Forty One Fun In The Sun Sunscreen Lotion



%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
20.83	NHD75MZCOE	Zinc Oxide (And) C13-15 Alkane (And) Polyglyceryl-2 Dipolyhydroxystearate (And) Hydrogenated Olive Oil Stearyl Esters (And) Trihydroxystearin	Kobo Products
8.00	dermofeel® sensolv MB	Isoamyl Laurate	Dr. Straetmans/Evonik
4.75	Hallbrite® BHB	Butyloctyl Salicylate	Hallstar
4.00	CXG-1104	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	Avantor/Kobo Products
4.00	SunBoost ATB	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
3.00	Dehymuls® PGPH	Polyglyceryl-2 Dipolyhydroxystearate	BASF
1.00	BELSIL® TMS 803	Trimethylsiloxysilicate	Wacker
1.00	BRB Caprylyl Methicone	Caprylyl Methicone	BRB International BV
1.00	KF-6105	Lauryl Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone	Shin-Etsu
0.50	COMPRITOL® 888 CG ATO MB	Glyceryl Behenate	Gattefossé
0.10	Tinogard® TT	Pentaerythrityl Tetra-di-t-butyl Hydroxyhydrocinnamate	BASF
Part 2			
4.10	TEGOSOFT® DEC	Diethylhexyl Carbonate	Evonik
1.20	BENTONE® 27	Stearalkonium Hectorite	Elementis
0.40	PROPYLENE CARBONATE	Propylene Carbonate	BASF
Part 3			
37.20	Deionized Water	Water	
4.00	Brontide® Natural Butylene Glycol	Butylene Glycol	Genomatica
3.00	GLYCERIN U.S.P. F.C.C. 96%	Glycerin	P&G Chemicals
1.20	Sodium Chloride	Sodium Chloride	Morton Salt
0.60	Euxyl® PE 9010	Phenoxyethanol (And) Ethylhexylglycerin	Schulke & Mayr
0.10	dermofeel® PA-3 VEEGUM® HV	Sodium Phytate (and) Aqua (and) Alcohol	Dr. Straetmans/Evonik
0.02	30% KOH Solution	Water, Potassium Hydroxide	EMD Performance Materials / Rona
100.00			

Description:

A Zinc Oxide only sunscreen lotion with broad spectrum protection. NHD75MZCOE is a natural origin ZnO-C dispersion. This dispersion features a 265nm primary particle size Zinc Oxide which provides UV protection. CXG-1104 is a silicone elastomer that provides a silky texture, soft focus/mattifying effect, and thickens the oil phase. Sunboost ATB is a proprietary mixture of antioxidant, anti-irritant and anti-inflammatory agents. It boosts SPF and PFA values of sunscreens when used with UV filters.

Manufacturing Procedure:

1. Combine Part 1 in main beaker and heat to 70°C while mixing under homogenizer for 10 minutes. □
2. Combine Part 1 and 2 under homogenizer in main beaker at 70°C and mix for 10 minutes or until all powders are dispersed. □
3. Combine Part 3 in a separate beaker and mix on prop mixer at 70°C until all ingredients are dissolved. □
4. Slowly add water phase to main beaker at 70°C under high shear (4500-5000) rpm for 10 minutes to emulsify.

Active Ingredient(s):

Zinc Oxide 15.00%

Testing:

SPF: in vivo on 5 subjects
CW: FDA method



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KFL-306

Genderless Blue Light Solution

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
40.00	Deionized Water	Water	
4.00	GLYCERIN U.S.P. F.C.C. 96%	Glycerin	P&G Chemicals
1.50	JEECIDE® CAP-7	Caprylyl Glycol (and) Glyceryl Laurate (and) Glyceryl Undecylenate	Jeen International
1.00	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
1.00	Magnesium Sulfate	Magnesium Sulfate	Fisher Scientific
0.20	Potassium Sorbate	Potassium Sorbate	Jeen International
Part 2			
11.00	TNP70MZ	Zinc Oxide (And) C12-15 Alkyl Benzoate (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Trisostearate	Kobo Products
10.70	Dermol 25B	C12-15 Alkyl Benzoate	Alzo International
10.00	Xiameter® PMX-200 SILICONE FLUID 5 CS	Dimethicone	Dow Chemical
7.00	Protachem CTG	Caprylic/Capric Triglyceride	Protameen
6.00	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	ABIL® EM 90	Cetyl PEG/PPG-10/1 Dimethicone	Evonik
3.50	Abil® WAX 9801	Cetyl Dimethicone	Evonik
0.50	MSS-500W	Silica	Kobo Products
0.10	TNP55TRY	Iron Oxides (CI 77492) (And) C12-15 Alkyl Benzoate (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid	Kobo Products
100.00			

Description:

A light beige facial hydrating lotion that protects skin from blue light during indoor and outdoor activities. TNP45TELR offers protection from damaging blue light (HEV). This dispersion also contains Transparent Red Iron Oxide to tint the formula. TNP70MZ provides UVB/UVA protection. TNP55TRY works in combination with the Transparent Red Iron Oxide used in TNP45TELR to create the light beige tint in order to mitigate a blue/white cast on deep skin tones. Cn-HAHWS contains Sodium Hyaluronate and provides hydration and moisture to skin. MSS-500W contributes to the silky and non-oily feel.

Manufacturing Procedure:

1. In a side beaker, add Part 1 and mix until salts have dissolved and batch is uniform.
2. In main beaker, add Part 2 and prop mix until uniform.
3. Add Part 1 to Part 2 slowly under the homomixer, mix until uniform. Check beaker sides for color streaks. Stop mixing and store bulk in glass jars.

Active Ingredient(s):

Titanium Oxide	2.40%
Zinc Oxide	7.38%



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KLF-318

O/W Natural Medium Toffee Foundation

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
59.99	Deionized Water	Water	
2.00	Glucamate™ SSE20	PEG-20 Methyl Glucose Sesquistearate	Lubrizol
1.00	Geogard Ultra™	Gluconolactone (And) Sodium Benzoate	Lonza
1.00	Amphisol® K	Potassium Cetyl Phosphate	DSM
Part 2			
3.00	§UPEROL® KPO, GLYCERIN 99.7% USP/FCC (KOSHER)	Glycerin	P&G Chemicals
3.00	Matte Lite® TF6	Montmorillonite (and) Sucrose Distearate (and) Sucrose Stearate	MMP International
Part 3			
5.00	Floraesters K-20W® Jojoba	Hydrolyzed Jojoba Esters (and) Water	Floritech
Part 4			
11.25	Lipex SheaLight™	Lipex SheaLight	AAK
9.00	OD75CJE	Titanium Dioxide (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Kobo Products
1.50	OD55YJE	Iron Oxides (CI 77492) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Kobo Products
1.00	LUSPLAN™ DD-DA7	Dimer Dilinoleyl Dimer Dilinoleate	Nippon/Kobo Products
0.20	OD75RJE	Iron Oxides (CI 77491) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Kobo Products
0.05	OD75BJE	Iron Oxides (CI 77499) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Kobo Products
Part 5			
2.00	CELLULOBEADS D-5	Cellulose	Daito/Kobo Products
0.01	AE Preserve® PCG	Phenethylalcohol (And) Caprylhydroxamic Acid (And) Glycerin	AE Chemie
100.00			

Description:

A matte cream foundation with exceptional coverage and comfort on skin. It's full coverage without the mess. Kobo's natural origin OD pigmentary dispersions provide the color and coverage. They are easy to blend and use in shade matching. LUSPLAN™ DD-DA7 is a plant-derived ester that works in combination with pigments to impart barrier repair and smoothness to the skin. CELLULOBEADS D-5 contributes to the soft and delicate after feel.

Manufacturing Procedure:

1. Combine Part 1 with high shear prop mix at 80°C until uniform.▫
2. Add Part 2 to Part 1 and mix until uniform.▫
3. Add Part 3 to Parts 1 and 2. Mix until uniform at 80°C.▫
3. Combine Part 4 under homogenizer. Mix until color is fully developed.▫
4. Switch Part 4 to prop mix at 80°C.▫
5. Slowly add Part 4 to Parts 1, 2 and 3. Mix at 80°C until uniform.▫
6. Add Part 5 and then begin cooling until uniform.





KLF-326

Mineral Liquid Foundation with SPF



%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
8.25	PHYTOLANE LS	Squalane	Barnet
5.50	Dermol DCC	Dicapryl Carbonate	Alzo International
5.00	SunBoost ATB Natural	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
4.00	MAKIBASE SEB	Polyglyceryl-3 Polyricinoleate (And) Polyglyceryl-3 Diisostearate	Daito/Kobo Products
3.00	DERMOL IPIS	Isopropyl Isostearate	Alzo International
1.50	Plurol® Diisostearique	Polyglyceryl 3 Diisostearate	Gattefossé
1.00	Lexgard® Natural MB	Glyceryl Caprylate (and) Glyceryl Undecylenate	Inolex
1.00	Trioxene LV	Isodecyl Citrate	Vevy Europe SpA
Part 2			
12.77	ZNO-750-ASGP6	Zinc Oxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	Kobo Products
5.40	BTD-ASGP3	Titanium Dioxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	Kobo Products
1.60	BWYO-ASGP3	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	Kobo Products
1.00	CELLULOBEADS D-5-ASG3	Cellulose (And) Stearoyl Glutamic Acid	Kobo Products
0.60	BWRO-ASGP3	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	Kobo Products
0.20	BWBO-ASGP3	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	Kobo Products
Part 3			
42.38	Deionized Water	Water	
4.00	Zemea®	Propanediol	Du Pont & Tate
1.00	Sodium Chloride	Sodium Chloride	Morton Salt
0.30	Lecinol S-10	Hydrogenated Lecithin	Barnet
0.10	AQUA KEEP 10SH-NFC	Sodium Acrylates Crosspolymer-2	Sumitomo Seika/Kobo Products
0.10	Dermofeel® PA-3	Sodium Phytate (and) Aqua (and) Alcohol	Evonik Dr. Straetmans
Part 4			
1.00	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
Part 5			
0.30	AE Preserve® PCG	Phenethylalcohol (And) Caprylhydroxamic Acid (And) Glycerin	AE Chemie
100.00			

Description:

This is a medium coverage liquid foundation with UV protection which will leave skin looking flawless and dewy while protecting skin from the sun. This formula features ZNO-750-ASGP6 for balanced UVB/UVA protection. ASGP-treated ZnO requires minimal energy to disperse. SunBoost ATB Natural is a proprietary ratio of three ingredients that boosts in-vivo SPF and PFA along with providing skin care benefits. ASGP-treated Iron Oxides and Titanium Dioxide provide coverage and the shade. They disperse easily and promote better wear properties due to the ASGP-treated pigments' adhesion to skin. AQUA KEEP 10SH-NFC gels the aqueous phase and offers stability to the formula. MAKIBASE SEB is a vegetable-based, PEG-free emulsifier which helps the formula absorb and provides a non-greasy feel. CELLULOBEADS D-5-ASG3 provides softness, creaminess and reduces tack. Cn-HAHWS contains encapsulated Sodium Hyaluronate which is a skin moisturizer.

Manufacturing Procedure:

1. Combine Part 1 under homogenizer and mix well.
2. Pre-mix Part 2 and slowly add to Part 1 under the homogenizer until smooth and uniform.
3. Pre-mix Part 3 and then add slowly to Parts 1 and 2 while homogenizing.
4. Add Part 4 and Part 5 to Parts 1, 2, and 3. Continue mixing until uniform.

Active Ingredient(s):

Zinc Oxide 12.00%

Testing:

SPF: in vivo on 5 subjects
CW: FDA method



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KBL-038B

Cushion Compact Blush

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
16.06	CPF-3300@10cSt	Phenyl Trimethicone	Avantor/Kobo Products
7.50	XIAMETER™ PMX-200 Silicone Fluid 2.0 cSt	Dimethicone	Dow Chemical
7.50	BRB Caprylyl Methicone	Caprylyl Methicone	BRB International
4.00	KoboMica L-24	Mica	Kobo Products
4.00	CARESS® BN18	Boron Nitride	Bent Tree/Kobo Products
3.00	Belsil PDM 1000	Trimethylsiloxyphenyl Dimethicone	Brenntag Specialties
3.00	Silsurf® B2010	PEG-10 Dimethicone	Siltech Corporation
2.00	CXG-1104	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	Avantor/Kobo Products
1.00	Abil® EM 90	Cetyl PEG/PPG-10/1 Dimethicone	Evonik
0.50	BENTONE® 38	Disteardimonium Hectorite	Elementis
Part 2			
1.99	PT1BM70U	Titanium Dioxide (And) Phenyl Trimethicone (And) Disteardimonium Hectorite (And) Isopropyl Titanium Triisostearate (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Silica	Kobo Products
1.00	PT1BM30R7C	Phenyl Trimethicone (And) Red 7 Lake (And) Isopropyl Titanium Triisostearate (And) Disteardimonium Hectorite (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Silica	Kobo Products
0.20	PT1BM50Y5A	Phenyl Trimethicone (And) Yellow 5 Lake (And) Isopropyl Titanium Triisostearate (And) Disteardimonium Hectorite (And) Silica (And) 1,2-Hexanediol (And) Caprylyl Glycol	Kobo Products
0.20	PT1BM70R	Iron Oxides (CI 77491) (And) Phenyl Trimethicone (And) Disteardimonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Silica (And) 1,2-Hexanediol (And) Caprylyl Glycol	Kobo Products
Part 3			
41.95	Deionized Water	Water	
4.00	GLYCERIN U.S.P. F.C.C. 96%	Glycerin	P&G Chemicals
0.70	Sodium Chloride	Sodium Chloride	Morton Salt
0.50	Symsave® H	Hydroxyacetophenone	Symrise
0.50	SymDiol® 68	1,2-Hexanediol (And) Caprylyl Glycol	Symrise
0.30	Magnesium Sulfate Heptahydrate	Magnesium Sulfate	Sigma Aldrich
0.10	NatrIquest™ E30	Trisodium Ethylenediamine Disuccinate	Innospec Performance Chemicals
100.00			

Description:

A flattering, easy-to-apply liquid blush formula in a cushion compact. The blush pink color is suitable for every skin tone. CPF-3300@10cSt, a low viscosity Phenyl Trimethicone, contributes to the excellent spreadability of the formula over cheekbones. CARESS® BN18 and KoboMica L-24 provide the luxurious feel and impart a sheer elegant tone. CXG-1104 contributes smoothness and a poreless appearance. The combination of four pigmentary grade PT1BM dispersions in Phenyl Trimethicone create the flattering pink shade.

Manufacturing Procedure:

1. Combine Part 1 in main beaker beaker and heat to 70°C while mixing under homogenizer for 10 minutes.
2. Combine Parts 1 and 2 under homogenizer in main beaker at 70°C and mix for 10 minutes or until all powders are dispersed.
3. Combine Part 3 in a separate beaker and mix on prop mixer at 70°C until all ingredients are dissolved.
4. Slowly add water phase to main beaker at 70°C under high shear (4500-5000 rpm) for 10 minutes to emulsify.



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KPW-030D

Color Correcting Finishing Powder

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
55.00	KTZ® EXTRAFINE BLUE	Titanium Dioxide (And) Mica	Kobo Products
30.20	MSS-500W-LL10	Silica (And) Lauroyl Lysine	Kobo Products
10.00	BN30-I2	Boron Nitride (And) Isopropyl Titanium Triisostearate	Kobo Products
2.80	SILICA SHELLS	Silica	Kobo Products
Part 2			
2.00	CPF-3300@10cSt	Phenyl Trimethicone	Avantor/Kobo Products
100.00			

Description:

This multi-use finishing powder sets makeup, provides color correcting properties and offers a soft focus effect for a flawless appearance. KTZ® EXTRAFINE BLUE imparts a subtle blue iridescence that helps correct orange or yellow undertones. MSS-500W-LL10 allows the formula to roll smoothly onto the skin while providing soft focus. BN30-I2, an ITT-treated Boron Nitride, further contributes to the smooth application and slight iridescence. SILICA SHELLS absorbs excess oil to ensure makeup is long-lasting. CPF-3300@10cSt acts as a liquid binder to prevent dusting upon application.

Manufacturing Procedure:

1. Combine Part 1 and blend on low speed until powders are evenly dispersed.
2. Add Part 2 to Part 1 and blend on low speed until Phenyl Trimethicone is evenly dispersed.



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KEL-035A

Mint & Lemon Liquid Eyeliner

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
28.00	Deionized Water	Water	
3.00	GLYCERIN U.S.P. F.C.C. 96%	Glycerin	P&G Chemicals
1.00	Natrosol® 250 HHR CS	Hydroxyethylcellulose	Ashland
Part 2			
35.00	KOBOGUARD® 50AMP-G	Acrylates/Ethylhexyl Acrylate Copolymer (And) Water (And) Aminomethyl Propanol	Kobo Products
20.00	WSJ30CGAMP-O	Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Chromium Oxide Greens (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Aminomethyl Propanol	Kobo Products
Part 3			
10.00	KTZ® INTERFINE GREEN	Mica (And) Titanium Dioxide	Kobo Products
1.00	SymDiol® 68	1,2 Hexanediol (and) Caprylyl Glycol	Symrise
Part 4			
2.00	MSS-500W	Silica	Kobo Products
100.00			

Description:

A liquid eyeliner formula that gives an intense, long-lasting color in just one swipe without pulling, or skipping on lids. It comes with a metallic finish. This vibrant and eye-catching colorful eyeliner features Kobo's WSJ Pigmentary Dispersion to create the intense color. KOBOGUARD® 50AMP-G forms an easy to apply, long-lasting, shiny and water-resistant film. MSS-500W is a microsphere which provides a smooth, precise line and uniform application. KTZ® INTERFINE GREEN imparts the metallic green hue to the eyeliner color.

Manufacturing Procedure:

1. For Part 1, pre-mix Natrosol® 250 HHR CS with Glycerin and add this to water under propeller agitation. Heat to 90°C.
2. Begin cooling Part 1 while mixing to form a gel.
3. Add Part 2 to Part 1 at 40°C and mix until uniform.
4. Add Part 3 and continue to mix.
5. Slowly add Part 4 and mix until uniform.



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KEL-037

Long Lasting Cream Gel Eyeliner

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

Description:

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

Manufacturing Procedure:

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



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KEY-136A

Periwinkle Pressed Eyeshadow

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

Description:

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

Manufacturing Procedure:

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



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KEY-137

Bronze Medal Marathon Long Wear Eyeshadow

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

Description:

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

Manufacturing Procedure:

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



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KMA-095

Lash Lift Mascara

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
50.80	Deionized Water	Water	
3.00	GLYCERIN U.S.P. F.C.C. 96%	Glycerin	P&G Chemicals
1.00	FiberDesign™ Sensation	Citrus Limon Peel Powder (and) Sclerotium Gum (EU)	Cargill
0.50	10% Desamina Solution	Water (and) Aminodeoxyglucitol	Vevey Europe
0.50	AE Preserve® PCG	Phenethylalcohol (And) Caprylhydroxamic Acid (And) Glycerin	AE Chemie
0.30	Natrosol™ 250 HHR CS	Hydroxyethylcellulose	Ashland
0.20	Keltrol® CG	Xanthan Gum	CP Kelco
0.10	dermofeel® PA-3	Sodium Phytate (and) Aqua (and) Alcohol	Evonik Dr. Straetmans GmbH
			Evonik Dr. Straetmans
0.10	Potassium Sorbate USP	Potassium Sorbate	Jeen International
Part 2			
10.00	BWBO-ASGP3	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	Kobo Products
5.00	CARNAUBA WAX SP 63P	Copernicia Cerifera (Carnauba) Wax	Strahl & Pitsch
3.00	Beeswax White Sp 422P	Beeswax	Strahl & Pitsch
3.00	KOBOGUARD® HRPC	Hydrogenated Polycyclopentadiene (And) Polyethylene (And) Copernicia Cerifera (Carnauba) Wax (And) Tocopherol	Kobo Products
3.00	Plandool™-LG1	Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate	Nippon/Kobo Products
2.00	Lipocol® C	Cetyl Alcohol	Vantage
1.50	GANEX™ V-216	VP/Hexadecene Copolymer	Ashland
0.70	Liposorb® SQO	Sorbitan Sesquileate	Vantage
0.70	Lipocol™ S-21	Steareth-21	Vantage
0.30	SunBoost ATB	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
0.30	Lipocol™ S-2	Steareth-2	Vantage
Part 3			
2.00	MSS-500W	Silica	Kobo Products
0.50	Lexgard® O	Caprylyl Glycol	Inolex
Part 4			
10.00	KOBOGUARD® 50AMP-G	Acrylates/Ethylhexyl Acrylate Copolymer (And) Water (And) Aminomethyl Propanol	Kobo Products
1.00	RAYON FIBER 3.3T-0.8MM(S)	Rayon (And) Silica	Nikko/Kobo Products
0.50	10% Desamina Solution	Water (and) Aminodeoxyglucitol	Vevey Europe
100.00			

Description:

This long-wearing mascara lengthens and volumizes lashes. BWBO-ASGP3 provides the deep black shade. KOBOGUARD® HRPC provides a plasticizing effect to the wax complex, and allows the mascara to be buildable upon application. Plandool™-LG1 improves malleability of the wax complex which increases bulk transfer to the lashes. SunBoost ATB conditions the lashes. MSS-500W helps the formula glide smoothly onto the lashes with increased payoff and provides volume. KOBOGUARD® 50AMP-G provides waterproofing and long wear properties. RAYON FIBER 3.3T-0.8MM(S) has a unique "cloud" shape, provides the volumizing and lengthening properties and visually improves the curling angle.

Manufacturing Procedure:

1. Homogenize Part 1 and heat to 85°C. Mix until uniform (add FiberDesign™ Sensation first then pre-mixed thickeners with glycerin).▣
2. Propeller mix Part 2 and heat to 85°C. Mix until homogeneous.▣
3. Slowly add Part 2 to Part 1. Continue mixing until homogeneous.▣
4. Begin cooling. When batch begins to thicken, switch to sweep blade at 40 RPM. Add Part 3 at 60°C. Pre-mix Part 4 and add at 50°C. Continue mixing until batch reaches 32°C.



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KMA-100

Lucious Lash Lengthening Mascara

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
4.50	MSS-500/N	Silica	Kobo Products Inc.
4.00	Paraffin Wax Sp-173P	Paraffin Wax	Strahl & Pitsch
4.00	Lipo™ GMS 450 Veg MB	Glyceryl Stearate	Vantage Specialty Chemicals
4.00	Synthetic Beeswax Pastilles SP755P	Synthetic Beeswax	Strahl & Pitsch
2.70	Dermofat™ 4919	Stearic Acid	Alzo International Inc.
1.00	Panalane® L-14E	Hydrogenated Polyisobutene	Vantage Specialty Chemicals
1.00	Liponate™ ISA	Isostearic Acid	Vantage Specialty Chemicals
1.00	CARNAUBA WAX SP 63P	Copernicia Cerifera (Carnauba) Wax	Strahl & Pitsch
0.80	Ganex™ V-220	PVP (and) VP/Eicosene Copolymer	Ashland
0.03	Tinogard® TT	Pentaerythrityl Tetra-di-t-butyl Hydroxyhydrocinnamate	BASF Care Creations
Part 2			
21.72	Deionized Water	Water	
2.00	Butylene Glycol	Butylene Glycol	Univar
1.20	SymDiol® 68	1,2 Hexanediol (and) Caprylyl Glycol	Symrise
0.30	Natrosol™ 250 HHR CS	Hydroxyethylcellulose	Ashland
0.20	NATRLQUEST® E30	Trisodium Ethylenediamine Disuccinate	Innospec
0.15	KELTROL® CG	Xanthan Gum	CP Kelco
0.10	Potassium Sorbate USP	Potassium Sorbate	Jeen International
Part 3			
11.81	Deionized Water	Water	-
0.80	PVP K-30	Poly(Vinyl Pyrrolidone)	Ashland
0.50	dl-Panthenol	Panthenol	DSM
Part 4			
2.00	Deionized Water	Water	-
1.00	AMPD™	Aminomethyl Propanediol	Angus Chemical Company
Part 5			
1.00	CELL-U-LASH™ 90	Cellulose	Kobo Products Inc.
0.50	RAYON FIBER 3.3T-0.8MM(S)	Rayon (And) Silica	Kobo Products Inc.
Part 6			
0.50	AE Preserve® PCG	Phenethylalcohol (And) Capryhydroxamic Acid (And) Glycerin	AE Chemie
Part 7			
18.19	WBG55BNFSP	Iron Oxides (CI 77499) (And) Water (And) Butylene Glycol (And) Cellulose Gum (And) Sodium Polyacrylate	Kobo Products Inc.
15.00	KOBOGUARD® 50AMP-G	Acrylates/Ethylhexyl Acrylate Copolymer (And) Water (And) Aminomethyl Propanol	Kobo Products Inc.
100.00			

Description:

An intense black mascara for shocking volume, length, lift and curl. MSS-500/N (Low oil absorption) provides a silky application and contribute to the mascara's thickness and volume. RAYON FIBER 3.3T-0.8MM(S) and CELL-U-LASH™ 90 are both cellulose based natural fibers that contribute to the lengthening and thickening effect of this formula. KOBOGUARD® 50AMP contributes to the mascara's lift and curl while also providing water-resistant properties. WBG55BNFSP, a water based dispersion using Kobo's BLACK NF, provides the intense, black color.

Manufacturing Procedure:

1. Heat Part 1 to 85°C. Continue mixing until uniform.
2. Propeller mix Part 2 and heat to 85°C. Continue mixing until uniform. Add Part 3 and continue mixing until uniform.
3. Premix part 4 then add to part 2&3 and let mix for 15 minutes.
4. Add Part 1 to Parts 2, 3 and 4 slowly at 80°C Continue mixing until homogeneous.
4. Begin cooling. When batch begins to thicken, switch to sweep blade at 30 RPM. At 60°C, add Part 5 & 6. Add Part 7 at 50°C and continue mixing until 32°C.



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KLP-288-BR

Semilustrous Rose Lipstick

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
21.92	SALACOS® 99	Isononyl Isononanoate	Ikeda/Kobo Products
20.00	Óleo de Mamona	Ricinus Communis (Castor) Seed oil	Engenharia das Essencias
11.00	TEGOSOFT® CT	Caprylic/Capric Triglycerides	Evonik
10.74	Ozokerite Wax White SP 1020	Ozokerite	Strahl & Pitsch
4.00	Beeswax White Sp 422P	Beeswax	Strahl & Pitsch
4.00	TECWAX CARNAUBA	Carnauba Wax	Fenix Ceras
3.00	COSMOL™ 168ARV	Dipentaerythryl Hexahydroxystearate/Hexastearate/Hexarosinate	Ikeda/Kobo Products
Part 2			
13.09	BTD-401	Titanium Dioxide (And) Isopropyl Titanium Triisostearate	Kobo Products
4.50	PM WAX 82	Polyethylene (And) Microcrystalline Wax	Toray/Kobo Products
3.65	BRO-I2	Iron Oxides (CI 77491) (And) Isopropyl Titanium Triisostearate	Kobo Products
2.20	RED 7CA K-I2	Red 7 Lake (And) Isopropyl Titanium Triisostearate	Kobo Products
Part 3			
1.00	MSS-500/3H	Silica	Kobo Products
Part 4			
0.90	Phenoxyethanol	Phenoxyethanol	Cosmotec
100.00			

Description:

This creamy textured lipstick has excellent compatibility with the skin and provides a slightly dry touch to the lips. Kobo's ITT treated pigments (BTD-401, BRO-I2 and RED 7CA K-12) are used to make the shade and enhance affinity to the skin. COSMOL™ 168ARV (a substitute for wool-derived lanolin with superior oxidative stability) helps with formula stability, and PM WAX 82, a combination of waxes, is used to structure the lipstick. SALACOS® 99 aids with bullet spreadability. MSS-500/3H is a Silica microspheres that give a glide-on application.

Manufacturing Procedure:

1. Heat Part 1 to 80°C under propeller mixing. □
2. Add Part 2. Mix for 10 minutes until uniform. □
3. Add Part 3. Mix until uniform.
4. Add Part 4. Mix until uniform.



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KLP-293-EU

Soft Lips Brilliant Tinted Balm

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

Description:

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

Manufacturing Procedure:

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



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KLP-298-EU

Powder Sensation Liquid Lip Color - Plastic-Free

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
7.00	BRB Caprylyl Methicone	Caprylyl Methicone	BRB International BV
2.00	MSS-500/H	Silica	Kobo Products
Part 2			
9.15	Dermol DISD	Diisostearyl Dimer Dilinoleate	Alzo International
8.00	DUB MDIS	Diisostearyl Malate	Stearinerie Dubois
3.75	Softisan® 649	Bis-Diglyceryl Polyacyladipate-2	IOI Oleo GmbH
3.40	SP-88	Microcrystalline Wax	Strahl & Pitsch
Part 3			
1.70	GARAMITE-7308 XR	Quaternium-90 Sepiolite (And) Quaternium-90 Montmorillonite	Eckart
Part 4			
9.00	Kobo SMC-BNCS6	Silica (And) Boron Nitride (And) Cellulose	Kobo Products
5.00	KoboBlur™ 100 Natural	Silica (And) Cellulose (And) Mica (And) Barium Sulfate (And) Titanium Dioxide (And) Jojoba Esters	Kobo Products
Part 5			
38.00	Gransil DM 5	Dimethicone (and) Polysilicone-11	Grant Industries
Part 6			
9.37	INBP70U	Titanium Dioxide (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid	Kobo Products
1.83	INBP75ER	Iron Oxides (CI 77491) (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate	Kobo Products
1.50	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
0.30	INBP75EB	Iron Oxides (CI 77499) (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate	Kobo Products
100.00			

Description:

This is a cream-to-powder liquid lip color that is characterized by its weightless wear, complete lack of tackiness and luxurious softness. The formula gives a highly blurred and matte look that is non-drying and can be comfortably worn over extended periods. The formula contains the following products that are responsible for the matte and blurred look, and powdery feel: MSS-500/H, a high oil absorption, 12 micron average particle size silica, Kobo SMC-BNCS6, a plastic-free combination of silica, cellulose and boron nitride made to match the feel of polyurethane, and KoboBlur™ 100 Natural, a plastic-free and surface treated combination of natural powders developed to give great soft focus effect across a range of emollients with different refractive indices. INBP dispersions are highly concentrated dispersions of ITT-treated pigments and are used to create the shade. They can be added to the formula without milling and grinding and are the easiest way to achieve color reproducibility and full color vibrancy.

Manufacturing Procedure:

1. Prepare Part 1 and set aside to disperse
2. Weigh Part 2 and heat until homogeneous mixture is obtained.
3. Add Part 3 and mix until homogeneous.
4. Add Part 1, Part 4 and Part 5 one by one and mix thoroughly between additions.
5. Add Part 6 and mix until uniform color is obtained.



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KLG-092B

Pumpkin Natural Lip Gloss

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

Description:

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

Manufacturing Procedure:

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



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KLG-104

Natural Glossy Balm

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

Description:

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

Manufacturing Procedure:

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



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KFL-305

Charcoal Clay Mask and Scrub

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
65.30	Deionized Water	Water	
4.00	Veegum® HV	Magnesium Aluminum Silicate	R.T. Vanderbilt
0.50	dermofeel® PA-3	Sodium Phytate (and) Aqua (and) Alcohol	Evonik Dr. Straetmans GmbH
Part 2			
4.00	GLYCERIN U.S.P. F.C.C. 96%	Glycerin	P&G Chemicals
0.20	Keltrol® CG	Xanthan Gum	CP Kelco
Part 3			
13.00	K-RAY® MagBlue	Titanium Dioxide (And) Mica (And) Iron Oxides (CI 77499)	Kobo Products
3.50	BENTONITE,ALBAGEL PREM NF BC	Bentonite	Brenntag Specialties
2.00	KoboScrub™ SD-200	Silica	Kobo Products
1.00	CHARCOAL POWDER	Charcoal Powder	Adsorb/Kobo Products
0.50	BBO-NJE2	Iron Oxides (CI 77499) (And) Jojoba Esters	Kobo Products
Part 4			
2.50	Jeepon 30-A	Sodium Methyl Cocoyl Taurate	Jeen International
2.00	SunBoost ATB	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
1.00	AE Preserve® PCG	Phenethylalcohol (And) Caprylhydroxamic Acid (And) Glycerin	AE Chemie
Part 5			
0.50	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
100.00			

Description:

This Charcoal Clay Mask & Scrub is a 2-in-1 formula that exfoliates and detoxifies leaving smooth, clean and refreshed skin. This formula features CHARCOAL POWDER which is a natural and highly porous powder that can absorb impurities, odors, moisture, oils and sebum on the skin. KoboScrub™ SD-200, natural origin plastic-free scrubbing beads, provides strong exfoliation properties. SunBoost ATB Natural is a proprietary blend of antioxidants and skin soothing agents for skin conditioning. Cn-HAHWS (Sodium Hyaluronate) adds skin care benefits to the formula. BBO-NJE2 and K-RAY® MagBlue provide the unique midnight blue color.

Manufacturing Procedure:

1. Combine Part 1 with fast speed propeller mixing. Heat to 65°C and mix for 30 minutes until clear and uniform.
2. Pre-mix Part 2 and then add to Part 1. Mix well.
3. Slowly add Part 3, one at a time, to Parts 1 and 2.
4. Add Part 4 to the batch. Mix until homogeneous.
5. Add Part 5. Mix until uniform.



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KHP-042A

Invisible Dry Shampoo

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
50.00	MSS-500W	Silica	Kobo Products
25.00	CELLULOBEADS D-10	Cellulose	Daito/ Kobo Products
10.00	ImerCare® 08K(S)	Kaolin	Imerys
Part 2			
15.00	SunBoost ATB Natural	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
100.00			

Description:

A powder dry shampoo that is non-whitening and clears up any excess sebum. MSS-500W, a silica microsphere, adds a silky feel, promotes better blendability and allows for a natural appearance. CELLULOBEADS D-10 absorbs oil and enhance the smooth feel. SunBoost ATB Natural provides skin and hair conditioning properties.

Manufacturing Procedure:

1. Micropulverize Part 1. Mix until uniform.
2. Add Part 2 to Part 1. Blend well until uniform.





KHP-046

Beard and Mustache Touch Up for Greys

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

Description:

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

Manufacturing Procedure:

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



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KPR-003-EU

Even Out & Illuminate Putty Primer SPF

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
13.45	DUB ZENOAT	Propanediol dicaprylate	Stearinerie Dubois
7.00	INP70ZSI	Zinc Oxide (And) Isononyl Isononanoate (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane	Kobo Products
7.00	TNP65MZS	Zinc Oxide (And) C12-15 Alkyl Benzoate (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane	Kobo Products
6.50	MSS-500/N	Silica	Kobo Products
5.00	CARESS® BN06	Boron Nitride	Kobo Products
3.75	KF-6038	Lauryl PEG-9 Polydimethylsiloxylethyl Dimethicone	Shin Etsu
2.00	KSG-320	PEG 15/Lauryl Dimethicone Crosspolymer	Shin Etsu
1.50	MSS-500/3N	Silica	Kobo Products
Part 2			
4.00	Beeswax Yellow	Beeswax	Koster Keunen
4.00	Akofine P	Hydrogenated Vegetable Oil	AAK
Part 3			
3.00	KOBOGUARD® 5400 IDD	Hydrogenated Polycyclopentadiene (And) Isododecane	Kobo Products
3.00	PUROLAN™ IDD	Isododecane	Lanxess
Part 4			
3.00	PUROLAN™ IDD	Isododecane	Lanxess
2.00	KTZ® APRICOT-11S4	Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77491) (And) Carmine (And) Triethoxycaprylylsilane	Kobo Products
Part 5			
28.00	Deionized Water	Water	
5.00	Butylene Glycol	Butylene Glycol	Univar
1.00	Mg Sulphate Heptahydrate	Magnesium Sulphate Heptahydrate	Fisher Scientific
0.40	Symsave® H	Hydroxyacetophenone	Symrise
0.40	SymDiol® 68	1,2-Hexanediol (And) Caprylyl Glycol	Symrise
100.00			

Description:

This is a hot pour, w/o emulsion system that has a putty-like texture. This formula can be applied to the face evenly with a sponge to give a thin layer for an instantly evened out and illuminated look. If applying foundation on top, leave it to set for a few minutes. A combination of very small particle size (INP70ZSI) and medium particle size (TNP65MZS) Zinc Oxide dispersions provide UV protection. MSS-500/N, CARESS® BN06 and MSS-500/3N are responsible for the skin tone evening and smoothing effect. KOBOGUARD® 5400 IDD is added to give better adhesion to the skin. KTZ® APRICOT-11S4, a natural mica substrate based skin tone pearlescent pigment with silane treatment, which provides the subtle illumination.

Manufacturing Procedure:

1. Prepare Part 1 and homogenize until smooth.
2. Add Part 2 to Part 1 and heat until the waxes are melted.
3. Add Part 3 and get T back up 75 °C.
4. Prepare a slurry of the KTZ® APRICOT-11S4 in IDD by adding the IDD in parts to the pearl and mixing to make sure there are no lumps.
5. Prepare Part 5 and heat up to 80 °C.
6. Emulsify under propeller stirrer, 800 rpm until all the Part 4 is taken in.
7. Move to homogenizer (tubular round hole), homogenize for 1.5 minutes at 5000 rpm. Then turn the speed down to 1500 rpm and add the pearl slurry. Mix till homogenous.
6. Pour at 60 °C and refrigerate for 15 minutes to set.

Active Ingredient(s):

Zinc Oxide 8.96%



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KPR-004

Pore Perfecting Putty Primer

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
33.50	XIAMETER™ PMX-200 Silicone Fluid 2.0 cSt	Dimethicone	Dow Chemical - Home and Personal Care
17.00	CXG-1104	Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer	Avantor/Kobo Products
12.00	Panalane® L-14E	Hydrogenated Polyisobutene	Vantage
5.00	Ceresine Wax Pastilles SP-1022P-C	Ceresin	Strahl & Pitsch
2.00	Jeenate® 4SW	Synthetic Wax	Jeen International
1.00	Microcrystalline Wax SP- 89	Microcrystalline Wax	Strahl & Pitsch
0.50	Lexgard® O	Caprylyl Glycol	Inolex
Part 2			
23.00	KoboBlur™ 100 Natural	Silica (And) Cellulose (And) Mica (And) Barium Sulfate (And) Titanium Dioxide (And) Jojoba Esters	Kobo Products Inc.
6.00	ASO-NJE2	Aluminum Starch Octenylsuccinate (And) Jojoba Esters	Kobo Products Inc.
100.00			

Description:

A silky and soft blurring balm that smooths and melts away imperfections and blemishes on the skin. CXG-1104 is a high purity elastomer gel delivered in 5cSt dimethicone. This ingredient brings a matte and soft focus effect to skin care and color cosmetic formulations. This soft focus effect helps to minimize the appearance of fine lines and pores. KoboBlur™ 100 Natural is a Soft Focus Complex made only of minerals and natural ingredients, using no plastic particles, with complimentary refractive indexes to scatter light in a wide range of formulas. Once again this soft focus effect minimizes imperfections, blemishes, pores, and fine lines on the skin. ASO-NJE2 is a hydrophobically modified natural polymer which is used as a talc replacement. This ingredient can be used in color cosmetics to improve aesthetics in formulation by reducing the greasiness of the formula. It also helps to absorb excess sebum from the skin, which leaves a dry and matte finish.

Manufacturing Procedure:

1. Combine phase 1 under prop mixer and heat to 80c-85c until all waxes have melted and the phase is homogenous.
2. Add each ingredient in phase 2 to main beaker individually under prop mixer at 80c. Mix until homogenous.
3. Pour at 70-75c.



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MSS-500W
MSS-500W
MSS-500/N
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MSS-500/3H
MSS-500/3H
MSS-500/H
MSS-500/3H
MSS-500W
MSS-500W
MSS-500/3H
MSS-500/3N
MSS-500/N

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CELLULOBEADS
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SunBoost ATB
SunBoost ATB Natural
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KMA-095	Page 14	KOBOGUARD® HRPC
KLG-104	Page 20	KOBOGUARD® NATURAL 2063-CCT
KHP-046	Page 23	KOBOGUARD® 5400 SQ
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Specialties Resins (Water Phase)

KEL-035A	Page 10	KOBOGUARD® 50AMP-G
KMA-095	Page 14	KOBOGUARD® 50AMP-G
KMA-100	Page 15	KOBOGUARD® 50AMP-G
KHP-046	Page 23	DAITOSOL 5000AD

Specialties Scrubbing

KFL-305	Page 21	KoboScrub™ SD-200
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Specialties Waxes

KEL-037	Page 11	PM WAX 82
KLP-288-BR	Page 16	PM WAX 82

Silicones - Avantor

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KBL-038B	Page 8	CPF-3300@10cSt CXG-1104
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Delivery Glycospheres

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FORMULATIONS

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