














2019 Formulations

-  USS-0016 **MiyoSHADE Z Plus** Daily Sunscreen
-  USS-0017 **MiyoSHADE Z Plus** Beach Sunscreen
-  ULF-0005 **MiyoHAZE BT** Tinted Moisturizer
-  UCC-0005 **MiyoAQUA** CC Cream
-  UPR-0004 **MiyoSTAY** Color Corrective Primer
-  ULF-0004 **TPT** Extended Wear Foundation
-  UHL-0001 **SAT** Highlighter
-  UCF-0003 **PRIMROSE** Cream-to-Powder Stick Concealer
-  ULP-0002 **SAT** Loose Powder w/ Glow
-  ULS-0016 **NAID** Natural Lipstick
-  UES-0013 **SAT** Liquid Eye Shadow
-  UBP-0002 **PRIMROSE** Brow Gel
-  UMC-0005 **PRIMROSE** Long Lasting Mascara

MiyoSHADE Z Plus Daily Sunscreen (USS-0016)



Phase	Trade Name	INCI Name	Function	Supplier	%
A	FANCOL® ID	Isododecane	Emollient	Elementis	
	KSG-16	Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer	Texture Modifier	ShinEtsu Silicones of America	
	KF-6105	Lauryl Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone	Emulsifier	ShinEtsu Silicones of America	
	Span™ 120	Sorbitan Isostearate	Emulsifier	CRODA	
	DC200 20cs	Dimethicone	Emollient	Dow Chemical Home and Personal Care	
	Neolight 100P	Isodecyl Neopentanoate	Emollient	Miyoshi America, Inc.	
	BENTONE® 27V CG	Stearalkonium Hectorite	Texture Modifier	Elementis	
	Rheoparl® KL2	Dextrin Palmitate	Texture Modifier	Miyoshi America, Inc.	
B	MiyoSHADE Z Plus	Zinc Oxide (and) Dimethicone (and) Triethoxycaprylylsilane	Active (UV)	Miyoshi America, Inc.	
	SA-SB-300(7%)	Silica (and) Dimethicone	Texture Modifier	Miyoshi America, Inc.	
	Soft Talc	Talc	Texture Modifier	Miyoshi America, Inc.	
C	Water	Water	-	-	
	1,3 Butylene Glycol	Butylene Glycol	Moisturizer	Parchem	
	EDTA-2Na	Disodium EDTA	Chelate	-	
	Emeressence 1160	Phenoxyethanol	Preservative	Cognis	
				Total:	100.00%

MiyoSHADE Z Plus Daily Sunscreen (USS-0016) Procedure

Non-D5, non-organic UV absorber



- Prepare Phase A & C, and heat up to 80°C
- Confirm all ingredients are dissolved/uniform.
- Mix all Phase B ingredients and add to Phase A with homogenizer @ 3000 rpm and continue homogenizing 5min.
- Pour Phase C into Phase A & B and homogenize @ 3000 rpm for 5 minutes

Test	SPF	UVA PF	Critical Wavelength (nm)
In-vitro	14	13	378
In-vivo (FDA/Colipa)	20 / 19	14	381

MiyoSHADE Z Plus Beach Sunscreen (USS-0017)



Phase	Trade Name	INCI Name	Function	Supplier	%
A	KF-995	Cyclopentasiloxane	Emollient	ShinEtsu Silicones of America	
	KSG-710	Dimethicone (and) Dimethicone/Polyglycerin-3 Crosspolymer	Emulsifier	ShinEtsu Silicones of America	
	KF-6105	Lauryl Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone	Emulsifier	ShinEtsu Silicones of America	
	DC200 20cs	Dimethicone	Emollient	Dow Chemical Home and Personal Care	
	Neolight 100P	Isodecyl Neopentanoate	Emollient	Miyoshi America, Inc.	
	BENTONE® 27V CG	Stearalkonium Hectorite	Texture Modifier	Elementis	
	PARSOL® MCX	Ethylhexyl Methoxycinnamate	Active (UV)	DSM	
B	MiyoSHADE Z Plus	Zinc Oxide (and) Dimethicone (and) Triethoxycaprylylsilane	Active (UV)	Miyoshi America, Inc.	
C	Water	Water	-	-	
	1,3 Butylene Glycol	Butylene Glycol	Moisturizer	Parchem	
	NaCl	Sodium Chloride	-	-	
	Emeressence 1160	Phenoxyethanol	Preservative	Cognis	
Total					100.00%

MiyoSHADE Z Plus Beach Sunscreen (USS-0017) Procedure

Non-D5, non-organic UV absorber



- Prepare Phase A & B, and heat up to 80°C
- Confirm all ingredients are dissolved/uniform.
- Mix all Phase B ingredients and add them into Phase A with homogenizer @ 3000rpm and continue homogenizing 5min.
- Pour Phase C into Phase A & B and homogenize @ 3000 rpm for 5 minutes

Test	SPF	UVA PF	Critical Wavelength (nm)
In-vitro	166	16	374
In-vivo (FDA/Colipa)	47 / 56	7	374

MiyoHAZE BT Tinted Moisturizer (ULF-0005)



Phase	Trade Name	INCI Name	Function	Supplier	%
A	Water	Water			
	Tween™ 20	Polysorbate 20	Emulsifier	Croda, Inc	
	Tween™ 80	Polysorbate 80	Emulsifier	Croda, Inc	
	AMISOFT® HS-21P	Disodium Stearoyl Glutamate	Emulsifier	Ajinomoto Health & Nutrition North America, Inc.	
	Bronidox® 1160	Phenoxyethanol	Preservative	BASF Care Creations	
	Triethanolamine, Reagent (T2564)	Triethanolamine	pH Adjuster	Spectrum Chemical, Mfg	
	DOWSIL™ RM 2051	Sodium Polyacrylate (and) Dimethicone (and) Cyclopentasiloxane (and) Trideceth-6 (and) PEG/PPG-18/18 Dimethicone	Viscosity Modifier	Dow Chemical - Home and Personal Care	
B	Floraesters® 30	Jojoba Esters	Emollient	Floratech	
	ALT-Red	Iron Oxides (and) Triethoxycaprylylsilane	Pigment	Miyoshi America, Inc.	
	ALT-Yellow				
	ALT-Black NH				
	Risonol 20SP	Octyldodecanol	Emollient	Miyoshi America, Inc.	
	MiyoHAZE BT	Barium Sulfate (and) Titanium Dioxide	Soft Focus	Miyoshi America, Inc.	
	Fitoderm®	Squalane	Emollient	BASF Latin America	
Orgasol® 2002 EXD NAT COS	Nylon 12	Texture Modifier	Arkema Orgasol		
				Total:	100.00%

MiyoHAZE BT Tinted Moisturizer (ULF-0005) Procedure

Non-D5, non-organic UV absorber



- Weigh Phase A into a beaker except for Dowsil RM 2051. Begin homogenizing @ 4000 rpm and then slowly add Dowsil RM 2051
- Begin heating mixture to 55-60°C
- Add Phase B to Phase A one ingredient at a time. Continue homogenizing @ 5000 rpm.
- Homogenize for 15 minutes
- Remove from homogenizer, cool down with light stirring and package into desired liquid foundation packaging.

MiyoAQUA CC Cream (UCC-0005)



Phase	Trade Name	INCI Name	Function	Supplier	%
A	Water	Water			
	Tween™ 20	Polysorbate 20	Emulsifier	Croda, Inc	
	Tween™ 80	Polysorbate 80	Emulsifier	Croda, Inc	
	Butylene Glycol	1,3 Butylene Glycol	Moisturizer	Univar	
	SIMULSOL™ 165	PEG-100 Stearate (and) Glyceryl Stearate	Co-Emulsifier	Seppic	
	Palmitic Acid	Palmitic Acid	Co-Emulsifier	Protameen Chemicals, Inc	
	AMISOFT® HS-21P	Disodium Stearoyl Glutamate	Emulsifier	Ajinomoto Health & Nutrition North America, Inc.	
	DOWSIL™ RM 2051	Sodium Polyacrylate (and) Dimethicone (and) Cyclopentasiloxane (and) Trideceth-6 (and) PEG/PPG-18/18 Dimethicone	Viscosity Modifier	Dow Chemical - Home and Personal Care	
	DOWSIL™ EP-9801 Hydro Cosmetic Powder	Dimethicone/Vinyl Dimethicone Crosspolymer (and) Silica (and) Butylene Glycol	Texture Modifier	Dow Chemical - Home and Personal Care	
	Bronidox® 1160	Phenoxyethanol	Preservative	BASF Care Creations	
	TEA 99	Triethanolamine 99%	pH Adjuster	Spectrum Chemical, Mfg	
	SB-300	Silica	Texture Modifier	Miyoshi America, Inc.	
	MiyoAQUA White TSR	Titanium Dioxide (and) Aluminum Hydroxide (and) Algin	Pigment		
MiyoAQUA Red	Iron Oxides (and) Algin				
MiyoAQUA Yellow					
MiyoAQUA Black NH					
B	MiyoSHADE Z Plus	Dimethicone	Emollient	Dow Chemical - Home and Personal Care	
	PARSOL® MCX	Ethylhexyl Methoxycinnamate	Active (UV)	DSM Nutritional Products, LLC	
	Floraesters® 30	Jojoba Esters	Emollient	Floratech	
	Fitoderm®	Squalane	Emollient	BASF Latin America	
	BENTONE GEL® TN V	C12-15 Alkyl Benzoate (and) Stearalkonium Hectorite (and) Propylene Carbonate	Viscosity Modifier	Elementis	
C	KSP-100 Silicone Powder	Vinyl Dimethicone/Methicone Silsesquioxane Crosspolymer	Texture Modifier	ShinEtsu Silicones of America	
	Orgasol® 2002 EXD NAT COS	Nylon 12	Texture Modifier	Arkema Orgasol	
	AMIHOPE® LL	Lauryl Lysine	Texture Modifier	Ajinomoto Health & Nutrition North America, Inc.	
Total:					100.00%

A very light CC Cream (oil in water emulsion) that keeps your skin deeply moisturized and provides natural and uniform daily coverage



MiyoAQUA CC Cream (UCC-0005) Procedure

- Weigh water, Simulsol 165 and Palmitic Acid from Phase A in a beaker and begin heating at 55 to 60 °C while homogenizing @ 4500 rpm for 10 minutes.
- Once dissolved, add the remainder of Phase A the beaker and continue mixing @ 4500 rpm with the homogenizer for about 10 minutes.
- Add Phase B to a beaker and begin heating to around 55 to 60 °C while mixing with a propeller mixer @ 500 rpm. Once completely homogeneous (about 5 min.) slowly add Phase B to Phase A and increase homogenizer speed to 5000 rpm.
- Then add Phase C to A & B. Once incorporated mix and additional 10 minutes.
- Remove from homogenizer, cool down with light stirring and package into desired liquid foundation packaging.

MiyoSTAY Primer (UPR-0004)



Phase	Trade Name	INCI Name	Function	Supplier	%
A	Water	Water			
	Tween™ 20	Polysorbate 20	Emulsifier	Croda Inc.	
	Tween™ 80	Polysorbate 80	Co-Emulsifier	Croda Inc.	
	Butylene Glycol	1,3 Butylene Glycol	Moisturizer	Univar	
	Bronidox® 1160	Phenoxyethanol	Preservative	BASF Care Creations	
	SIMULSOL™ 165	PEG-100 Stearate (and) Glyceryl Stearate	Emulsifier	Seppic	
	TEA 99	Triethanolamine	pH Adjuster	Spectrum Chemical, Mfg	
	VERSENE™ NA	Disodium Ethylenediaminetetraacetate Dihydrate	pH Adjuster	Dow Chemical - Home and Personal Care	
	Floraesters® 30	Jojoba Esters	Emollient	Floritech	
B	ALT-White TSR	Titanium Dioxide (and) Aluminum Hydroxide (and) Triethoxycaprylylsilane	Pigment	Miyoshi America, Inc.	
	ALT-Yellow	Iron Oxides (and) Triethoxycaprylylsilane			
	SunCROMA® FD&C Red 40 Al Lake	FD&C Red 40 Al Lake	Pigment	Sun Chemical	
	SA-SB-300 (7%)	Silica (and) Dimethicone	Texture Modifier		
	MiyoSTAY SM	Synthetic Fluorphlogopite (and) Zinc Oxide (and) Hydroxyapatite	Sebum Control	Miyoshi America, Inc.	
	MiyoHAZE BT	Barium Sulfate (and) Titanium Dioxide	Soft Focus		
	PEG-8 Beeswax	PEG-8 Beeswax	Stabilizer	Koster Keunen, Inc.	
	Lipo® IDD 99A	Isododecane	Emollient	Vantage Specialty Ingredients	
	DOWSIL™ 9046 Silicone Elastomer Blend	Cyclopentasiloxane (and) Petrolatum (and) Dimethicone Crosspolymer	Emollient	Dow Chemical - Home and Personal Care	
	Ronaflair® Boroneige SF-6	Boron Nitride	Texture Modifier	EMD Performance Materials / Rona	
C	DOWSIL™ RM 2051	Sodium Polyacrylate (and) Dimethicone (and) Cyclopentasiloxane (and) Trideceth-6 (and) PEG/PPG-18/18 Dimethicone	Viscosity Modifier	Dow Chemical - Home and Personal Care	
Total: 100.00%					

MiyoSTAY Primer (UPR-0004) Procedure

This corrective primer corrects dark spots underneath the eyes in lighter skin tones.



- Heat water to 65-75°C
- Add phase A to the water and begin homogenizing @ 4000 rpm for about 10 min until the Floraesters have melted.
- Increase mixing speed to 5000 rpm and add phase B to A. Continue mixing for 10 min.
- Slowly add Phase C to the mixture and continue mixing for about 2 min @ 5000 rpm. Cool and fill into desired containers

TPT Extended Wear Foundation (ULF-0004)



Phase	Trade Name	INCI Name	Function	Supplier	%
A	Gransil PSQ	Polymethylsilsesquioxane	Texture Modifier	Grant Industries	
	DOWSIL™ Elastomer Blend 9040	Cyclomethicone (and) Dimethicone Crosspolymer	Texture Modifier	Dow Chemical - Home and Personal Care	
	KSG-16	Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer	Texture Modifier	Shin-Etsu Silicones of America	
	Lipo® IDD 99A	Isododecane	Emollient	Vantage Specialty Ingredients	
	XIAMETER® PMX-0246	Cyclohexasiloxane (and) Cyclopentasiloxane	Emollient	Nexeo Solutions	
	AEROSIL® R 972	Silica Dimethyl Silylate	Texture Modifier	Evonik Resource Efficiency GmbH, BL Silica	
	MiyoSYN Fine-ALT	Synthetic Fluorophlogopite (and) Triethoxycaprylylsilane (and) Aluminum hydroxide	Filler	Miyoshi America, Inc.	
	KF-6105	Lauryl Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone	Emulsifier	Shin Etsu Silicones of America	
	KF-6038	Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone	Emulsifier	Shin Etsu Silicones of America	
	TPT-WHITE TSR	Titanium Dioxide (and) Aluminum Hydroxide (and) Titanium Triisostearate	Pigment	Miyoshi America, Inc.	
	TPT-RED	Iron Oxides (and) Isopropyl Titanium Triisostearate			
	TPT-YELLOW				
	TPT-BLACK				
B	Water	Water			
	Sodium Chloride Powder, USP	Sodium Chloride	Stabilizer	Spectrum Chemical Mfg. Corp.	
	Glycerine 99.7%	Glycerin	Moisturizer	Acme Hardesty Col	
	Aqualon™ 9M31F	Cellulose Gum	Viscosity Modifier	Ashland	
	Butylene Glycol	1,3 Butylene Glycol	Moisturizer	Univar	
	Princess Care	Geranium Robertianum Extract	Active	Miyoshi America, Inc.	
	Bronidox® 1160	Phenoxyethanol	Preservative	BASF Care Creations	
	Tween™ 80	Polysorbate 80	Co-Emulsifier	Croda Inc.	
				Total:	100.00%

TPT Extended Wear Foundation (ULF-0004) Procedure

A silky
foundation that
lasts for hours



- Weigh water and Aqualon from Phase B into a beaker and begin heating at 55 to 60°C while mixing with a propeller mixer at 500 rpm. Once Aqualon is dissolved (about 10 minutes), add the remainder of Phase B
- Add phase A to a beaker and begin homogenizing @ 4500 rpm with a homogenizer mixer for about 15 min
- After 15 min, and Phase A completely homogeneous, slowly add Phase B to Phase A and increase homogenizer speed to 5000 rpm
- Continue mixing @ 5000 rpm for an additional 10-15 min. Cool down with light stirring and package into desired liquid foundation containers

SAT Highlighter (UHL-0001)



Phase	Trade Name	INCI Name	Function	Supplier	%
A	DOWSIL™ 9040 Silicone Elastomer Blend	Cyclomethicone (and) Dimethicone Crosspolymer	Texture Modifier	Dow Chemical - Home and Personal Care	
	KSG-15	Cyclopentasiloxane (and) Dimethicone/Vinyl Dimethicone Crosspolymer	Texture Modifier	ShinEtsu Silicones of America	
	KSG-16	Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer	Texture Modifier	ShinEtsu Silicones of America	
	Techpolymer™ PMMA MBX-8C	Polymethylmethacrylate	Texture Modifier	Sekisui Plastics	
	FANCOL® POLYISO® 275-CG	Hydrogenated Polyisobutene	Emollient	Elementis	
B	MiyoSYN Fine SA	Synthetic Fluorophlogopite (and) Dimethicone	Texture Modifier	Miyoshi America, Inc.	
	SAT-Gemtone Sunstone	Mica (and) Titanium Dioxide (and) Iron Oxides (and) Carmine (and) Dimethicone	Pearl Pigment		
	Bronidox® 1160	Phenoxyethanol	Preservative	BASF Care Creations	
Total: 100.00%					

SAT Highlighter (UHL-0001) Procedure

A silky, highlighter that glides on the skin leaving a golden, subtle glow



- Weigh Phase A into a beaker and begin mixing @ 500 rpm, with a propeller mixer for about 10 minutes
- Then add Phase B into phase A and continue mixing for an additional 10 minutes.
- Increase mixing speed if necessary, depending on batch size.
- Fill into desired, airtight jars

Primrose Cream-to-Powder Stick Concealer (UCF-0003)



Phase	Trade Name	INCI Name	Function	Supplier	%	
A	KAK 99	Isononyl Isononanoate	Emollient	Miyoshi America, Inc.		
	PELEMOL® I-1816	Isopropyl Palmitate	Emollient	Phoenix Chemical, Inc.		
	Trivent™ OC-G	Tricaprylin	Emollient	ALZO International Inc.		
	DOWSIL™ 9040 Silicone Elastomer Blend	Cyclopentasiloxane (and) Petrolaum (and) Dimethicone Crosspolymer	Emollient	Dow Chemical - Home and Personal Care		
	PERFORMALENE® 400	Polyethylene	Stabilizer	New Phase Technologies		
	Microcrystalline 170/180	Mycrocrystalline Wax	Stabilizer	Koster Keunen, Inc.		
	PEG-12 Carnauba Wax	PEG-12 Carnauba	Stabilizer	Koster Keunen, Inc.		
	Enhans SB-63	Bis-PEG-12 Dimethicone Beeswax	Stabilizer	Koster Keunen, Inc.		
	Neolight 100P	Isodecyl Neopentanoate	Emollient			
B	Primrose-TRI-77891	Titanium Dioxide (and) Silica	Pigment	Miyoshi America, Inc.		
	PRIMROSE-RED	Iron Oxides (and) Silica				
	PRIMROSE-YELLOW					
	PRIMROSE-BLACK					
	Excel Mica JP-M	Mica (and) Aluminum Hydroxide	Filler (Soft Focus)			
	SXI-5	Mica (and) Silica (and) Dimethicone	Texture Modifier			
	Techpolymer™ PMMA MBX-8C	Polymethylmethacrylate	Texture Modifier		Sekisui Plastics	
	DRY-FLO® TS	Tapioca Starch (and) Polymethylsilsesquioxane	Texture Modifier		Nouryon	
	SA-SB-300 (7%)	Silica (and) Dimethicone	Texture Modifier		Miyoshi America, Inc.	
Orgasol® 2002 EXD NAT COS	Nylon 12	Texture Modifier	Arkema Orgasol			
				Total:	100.00%	

Primrose Cream-to-Powder Stick Concealer (UCF-0003) Procedure

- Weigh Phase A into a beaker and heat to 85 - 90°C, while mixing with propeller @ 500 rpm.
- Add Phase B to a blender and mix for 1 minute.
- Slowly add Phase B to Phase A while mixing and continue mixing for 20 minutes or until air bubbles are reduced.
- Reduce mixing speed to about 300 rpm until all air bubbles are gone.
- Pour into desired mold, refrigerate and pack once cooled.

A soft, non-heavy cream to powder concealer that blurs fine lines and blends nicely with makeup



SAT Loose Powder w/ Glow (ULP-0002)



Phase	Trade Name	INCI Name	Function	Supplier	%
A	Soft Talc	Talc	Filler	Miyoshi America, Inc.	
	TPT RED	Iron Oxides (and) Isopropyl Titanium Triisostearate	Pigment	Miyoshi America, Inc.	
	TPT YELLOW			Miyoshi America, Inc.	
	TPT BLACK			Miyoshi America, Inc.	
	SAT-Gemtone Sunstone	Mica (and) Titanium Dioxide (and) Iron Oxides (and) Carmine (and) Dimethicone	Pearl Pigment	Miyoshi America, Inc.	
	SA-SB-300 (7%)	Silica (and) Dimethicone	Texture Modifier	Miyoshi America, Inc.	
	DRY-FLO® TS	Tapioca Starch (and) Polymethylsilsesquioxane	Texture Modifier	Sekisui Plastics	
	Orgasol® 2002 EXD NAT COS	Nylon 12	Texture Modifier	Arkema Orgasol	
B	IPM	Isopropyl Myristate	Emollient	Miyoshi America, Inc.	
	PELEMOL® TGC	Trioctyldodecyl Citrate	Emollient	Phoenix Chemical, Inc.	
	Bronidox® 1160	Phenoxyethanol	Preservative	BASF Care Creations	
Total: 100.00%					

SAT Loose Powder w/ Glow (ULP-0002) Procedure

A soft, light, powder that adheres nicely to the skin with a golden glow



- Weigh Phase A in a blender and mix it for 1 to 2 minutes on high
- Heat Phase B in a beaker to 55 - 60°C. Add Phase B to the blender and mix for 1½ minutes on low speed.
- Check for oil spots and mix an additional minute if necessary.
- Package into desired loose powder containers.

NAID Natural Lipstick (ULS-0016)



Phase	Trade Name	INCI Name	Function	Supplier	%
A	NAI-S-100	Mica (and) Disodium Stearoyl Glutamate (and) Aluminum Hydroxide	Filler	Miyoshi America, Inc.	
	NAID-TRI-77891	Titanium Dioxide (and) Disodium Stearoyl Glutamate (and) Aluminum Hydroxide	Pigment		
	NAID-RED BLUE	Iron Oxides (and) Disodium Stearoyl Glutamate (and) Aluminum Hydroxide			
	NAID-YELLOW				
	NAID-BLACK				
	KaMin™ 2000C	Calcined Kaolin Clay	Filler	KaMin Performance Minerals	
	Risonol 20SP	Octyldodecanol	Emollient	Miyoshi America, Inc.	
	Florasun® 90	Helianthus Annuus (Sunflower) Seed Oil	Emollient	Floratech	
Meadowfoam Seed Oil™	Limnanthes Alba (Meadowfoam) Seed Oil	Emollient	Charkit Chemical Company		
B	Risocast DA-L	Hydrogenated Castor Oil Dimer Dilinoleate	Emollient	Miyoshi America, Inc.	
	Gelatinization Agent GP-1	Dibutyl Lauroyl Glutamide	Viscosity Modifier	Ajinomoto Health & Nutrition North America, Inc.	
	Hailucent ISDA	Polyglyceryl-2 isostearate/dimer dilinoleate copolymer	Emollient	Miyoshi America, Inc.	
	Candelilla Wax NF	Euphorbia Cerifera (Candelilla) Wax	Stabilizer	Koster Keunen, Inc.	
	Carnauba Wax	Copernicia Cerifera (Carnauba) Wax	Stabilizer	Koster Keunen, Inc.	
	White Ozokerite Wax SP-1021P	Ozokerite	Stabilizer	Strahl & Pitsch, Inc.	
	Vitamin E Acetate	Tocopheral Acetate	Anit-Oxidant	Spectrum Chemical Mfg. Corp.	
	N.F. White Beeswax	White Beeswax	Stabilizer	Koster Keunen, Inc.	
Floraesters® 30	Jojoba Esters	Emollient	Floratech		
				Total:	100.00%

NAID Natural Lipstick (ULS-0016) Procedure

This lipstick contains natural ingredients and a soft dewy feel.



- Weigh Phase A in a beaker and begin homogenizing @ 5000 rpm for 25 minutes.
- Add phase B to a beaker and begin heating to 95°C while stirring with a propeller mixer @ 500 rpm.
- Once Phase B reaches temperature and GP-1 from Phase B is dissolved (about 10 min), add Phase A to Phase B.
- Switch back to the homogenizer and continue mixing @ 5000 rpm for another 10-15 min.
- Then remove from homogenizer and begin to slow mix with the propeller mixer to remove air bubble (about 200 rpm). Maintain heat. Pour into lipstick mold when air bubbles are gone. Refrigerate, remove lipsticks from mold and pack. Cool and fill into desired containers.

SAT Liquid Eye Shadow (UES-0013)



Phase	Trade Name	INCI Name	Function	Supplier	%
A	Water				
	Butylene Glycol	1,3 Butylene Glycol	Moisturizer	Univar	
	Ultrapure Polymer 2055	Polyvinyl Acetate (and) Water	Film Former	Ultra Chemical Inc.	
	Bronidox® 1160	Phenoxyethanol	Preservative	BASF Care Creations	
	Tween™ 20	Polysorbate 20	Emulsifier	Croda Inc.	
	Tween™ 80	Polysorbate 80	Co-emulsifier	Croda Inc.	
	Pemulen™ TR-2 Polymeric Emulsifier	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	Emulsifier	Lubrizol	
Triethanolamine, Reagent (T2564)	Triethanolamine	pH Adjuster	Spectrum Chemical, Mfg		
B	SA-RED	Iron Oxides (and) Dimethicone	Pigment	Miyoshi America, Inc.	
	SA-YELLOW				
	Colorona® Magenta	Mica (and) Titanium Dioxide (and) Carmine	Pearl Pigment	EMD Performance Materials / Rona	
	Timiron® Ice Crystal	Synthetic Fluorophlogopite (and) Titanium Dioxide (and) Tin Oxide	Pearl Pigment	EMD Performance Materials / Rona	
	SA-SB-300 (7%)	Silica (and) Dimethicone	Texture Modifier	Miyoshi America, Inc.	
	SAT-MV-77742	Manganese Violet (and) Dimethicone	Pigment		
	SXI-5	Mica (and) Silica (and) Dimethicone	Texture Modifier		
	Ronaflair® ESQ	Bismuth Oxychloride	Texture Modifier	EMD Performance Materials / Rona	
	Xirona® Caribbean Blue	Mica (and) Titanium Dioxide (and) Silica	Pearl Pigment	EMD Performance Materials / Rona	
	Colorona® Light Blue	Mica (and) Titanium Dioxide (and) Ferric Ferrocyanide	Pearl Pigment	EMD Performance Materials / Rona	
	Microsilik® 419	Polyethylene and PTFE	Texture Modifier	Micro Powders, Inc.	
	Fitoderm®	Squalane	Emollient	BASF Latin America	
C	DOWSIL™ RM 2051	Sodium Polyacrylate (and) Dimethicone (and) Cyclopentasiloxane (and) Trideceth-6 (and) PEG/PPG 18/18 Dimethicone	Viscosity Modifier	Dow Chemical - Home and Personal Care	
Total:					100.00%

SAT Liquid Eye Shadow (UES-0013) Procedure

A vibrant, liquid
eyeshadow that
doesn't crease



- Weigh Phase A into beaker and heat to 55 - 65°C, while mixing with a homogenizer @ 5000 rpm for about 15 minutes
- Begin to add Phase B ingredients, one at a time and continue mixing 10 minutes, once all ingredients are incorporated.
- Add Phase C quickly, scrape the sides of the container/homogenizer head and continue mixing for 7 to 10 minutes
- Cool and fill into desired packaging

Primrose Brow Gel (UBP-0002)



Phase	Trade Name	INCI Name	Function	Supplier	%
A	Water				
	Tween™ 20	Polysorbate 20	Emulsifier	Croda Inc.	
	Tween™ 80	Polysorbate 80	Emulsifier	Croda Inc.	
	Carbopol® Ultrez 10 Polymer	Carbomer	Viscosity Modifier	Lubrizol	
	PRIMROSE-RED	Iron Oxides (and) Silica	Pigment	Miyoshi America, Inc.	
	PRIMROSE-YELLOW				
	PRIMROSE-BLACK				
Bronidox® 1160	Phenoxyethanol	Preservative	BASF Care Creations		
B	Lipo® IDD 99A	Isododecane	Emollient	Vantage Specialty Ingredients	
	Orgasol® 2002 EXD NAT COS	Nylon 12	Texture Modifier	Arkema Orgasol	
	Fitoderm®	Squalane	Emollient	BASF Latin America	
	PECOSIL® DCF-12	PEG-12 Dimethicone	Emulsifier	Phoenix Chemical, Inc.	
	MiyoSYN Matte	Synthetic Fluorphlogopite	Filler	Miyoshi America, Inc.	
C	Triethanolamine, Reagent (T2564)	Triethanolamine	pH Adjuster	Spectrum Chemical, Mfg	
Total:					100.00%

Primrose Brow Gel (UBP-0002) Procedure

A brow gel that sculpts the brows to a perfectly natural appearance.



- Weigh water and Carbopol from Phase A into a beaker and begin heating to about 55 - 65 °C, while mixing with a homogenizer @ 4000 rpm.
- Continue mixing for about 10 or 15 minutes, until Carbopol is dissolved, then add the remainder of Phase A. Turn off the heat.
- Increase speed to 5000 rpm and add Phase B to Phase A one at a time. Once all have been incorporated, continue mixing for 10 to 15 minutes.
- Add Phase C to A & B. Gel will become very thick. Continue mixing at 5000 rpm for 5 more minutes.
- Cool and fill into desired mascara packaging.



Primrose Long Lasting Mascara (UMC-0005)

Phase	Trade Name	INCI Name	Function	Supplier	%
A	Carnauba Wax	Copernicia Cerifera (Carnauba) Wax	Stabilizer	Koster Keunen, Inc.	
	Kester Wax K-SWR	C20-40 Alcohols (and) Euphorbia Cerifera (Candelilla) Wax (and) Copernicia Cerifera (Carnauba) Wax (and) Glycol Distearate (and) Montan Acid Wax	Stabilizer	Koster Keunen, Inc.	
	Microcrystalline Wax 170/180	Microcrystalline Wax	Stabilizer	Koster Keunen, Inc.	
	Granresin PMSQ-ID	Polymethylsilsesquioxane (and) Isododecane	Film Former	Grant Industries, Inc.	
	Unifilma HVY	Dextrin Isostearate	Film Former	Miyoshi America, Inc.	
	Lipo® IDD 99A	Isododecane	Emollient	Vantage Specialty Ingredients	
	Antaron™ V-216	VP/Hexadecene Copolymer	Film Former	Ashland	
	Candelilla Wax NF	Euphorbia Cerifera (Candelilla) Wax	Stabilizer	Koster Keunen, Inc.	
	PELEMOL® P3D	Dilinoleic Acid/Propanediol Copolymer	Film Former	Phoenix Chemical, Inc.	
	GIOVAREZ® BTB-50	Behenyl Methacrylate/t-Butyl Methacrylate Copolymer	Stabilizer	Phoenix Chemical, Inc.	
B	PRIMROSE-BLACK	Iron Oxides (and) Silica	Pigment	Miyoshi America, Inc.	
	Primrose-UB-77007	Ultramarines (and) Silica			
	Bronidox® 1160	Phenoxyethanol	Preservative	BASF Care Creations	
				Total:	100.00%

Primrose Long Lasting Mascara (UMC-0005) Procedure

A vibrant mascara that doesn't flake or smear, with all day wear.



- Weigh Phase A into a beaker and begin heating to about 85-95°C
- Premix Phase B with a blender on high for 1 minute.
- Add Phase B to Phase A once all waxes are dissolved (about 15 to 20 minutes), while stirring with a propeller mixer at 500 to 600 rpm
- Keep sample covered with plastic wrap and continue mixing for about 10 minutes
- Continue mixing while filling samples into desired mascara packaging

The suggested formulations in this presentation are only a representative formulation and it is not a commercialized product. Miyoshi believes that the information and data on which these formulations are based are reliable, but has not been subjected to extensive testing for performance, efficacy or safety. BEFORE COMMERCIALIZATION, YOU SHOULD THOROUGHLY TEST THE FORMULATION OR ANY VARIATION OF IT TO DETERMINE ITS PERFORMANCE, EFFICACY AND SAFETY. IT IS YOUR RESPONSIBILITY TO OBTAIN ANY NECESSARY GOVERNMENT CLEARANCE, LICENSE OR REGISTRATION. In addition, Miyoshi has not undertaken a comprehensive patent search on the formulation. Suggestions of uses should not be taken as inducements to infringe any particular patent. SAFE HANDLING INFORMATION PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION.

Surface Treatment Technologies

