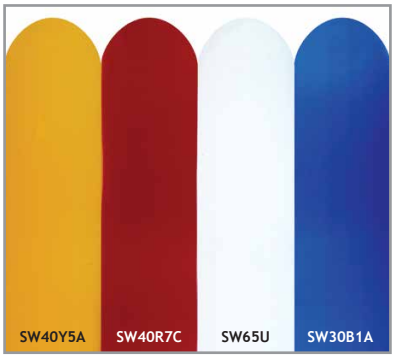
Pigmentary Grade Dispersions

Pigmentary grade Titanium Dioxides and Iron Oxides (red, yellow & black) are widely used for color cosmetics and have primary particle sizes greater than 0.2 microns. Pigmentary grade pigments also tend to aggregate in formulas. Color strength, gloss and opacity are related to the particle size of the aggregates. Theoretically, the color intensity is highest (or more opaque) when the dispersion particle size (in formulas) is closest to their primary particle size. The use of Kobo dispersions of pigmentary grades of Iron Oxides, Titanium Dioxide, organic and other pigments offer full color development, better stability, improved gloss and ease of use.



Dispersions in Synthetic Wax

Dispersions in Abil® WE-09

Dispersions in Isononyl Isononanoate

Dispersions in Esters/Oils

(Recommended for formulations) Preferred Use: Anhydrous non-volatile and volatile systems. May also be used in Emulsions (W/S, W/O, S/W, O/W)

Trade Name	INCI Name	⚠
INBP50MV	*Manganese Violet (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid*	
INBP55EY	*Iron Oxides (CI 77492) (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate*	
INBP70U	*Titanium Dioxide (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid*	
INBP75EB	*Iron Oxides (CI 77499) (And) Isononyl Isononanoate (And) IsopropylMyristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate*	
INBP75EBR	*Iron Oxides (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate*	
INBP75ER	*Iron Oxides (CI 77491) (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate*	
INBP35R34C	*Isononyl Isononanoate (And) Red 34 Lake (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid*	1,2
INBP40B1A	*Blue 1 Lake (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid*	
INBP45R7C	*Red 7 Lake (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid*	1
INBP45R21A	*Red 21 Lake (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid*	1
INBP50R6B	*Red 6 Lake (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid*	1
INBP50R27U	*Red 27 Lake (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid*	1
INBP50R28U	*Red 28 Lake (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid*	1

Dispersions in Esters/Oils

(Recommended for formulations) Preferred Use: Anhydrous non-volatile and volatile systems. May also be used in Emulsions (W/S, W/O, S/W, O/W)

Trade Name	INCI Name	⚠
INBP50R33A	Red 33 Lake (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate	1,4
INBP50R36	Red 36 (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid	1,3
INBP50Y5A	Yellow 5 Lake (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid	
INBP50Y6A	Yellow 6 Lake (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid	1
TNBP60YSI	Iron Oxides (CI 77492) (And) C12-15 Alkyl Benzoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane (And) Propylene Carbonate (And) Glyceryl Behenate/Eicosadioate	
TNBP65USI	Titanium Dioxide (And) C12-15 Alkyl Benzoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane (And) Propylene Carbonate (And) Glyceryl Behenate/Eicosadioate	
TNBP80BSI	Iron Oxides (CI 77499) (And) C12-15 Alkyl Benzoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane (And) Propylene Carbonate (And) Glyceryl Behenate/Eicosadioate	
TNBP80RSI	Iron Oxides (CI 77491) (And) C12-15 Alkyl Benzoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane (And) Propylene Carbonate (And) Glyceryl Behenate/Eicosadioate	
TNBP45B1SI	C12-15 Alkyl Benzoate (And) Blue 1 Lake (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane (And) Propylene Carbonate (And) Glyceryl Behenate/Eicosadioate	
TNBP50R6SI	C12-15 Alkyl Benzoate (And) Red 6 Lake (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane (And) Propylene Carbonate (And) Glyceryl Behenate/Eicosadioate	1
TNBP50R7SI	C12-15 Alkyl Benzoate (And) Red 7 Lake (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane (And) Propylene Carbonate (And) Glyceryl Behenate/Eicosadioate	1
TNBP50R28SI	Red 28 Lake (And) C12-15 Alkyl Benzoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane (And) Propylene Carbonate (And) Glyceryl Behenate/Eicosadioate	1
TNBP50Y5SI	C12-15 Alkyl Benzoate (And) Yellow 5 Lake (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane (And) Propylene Carbonate (And) Glyceryl Behenate/Eicosadioate	

(Recommended for formulations) Preferred Use: Emulsions (W/O, W/S) May also be used in Anhydrous non-volatile and volatile systems

DIDW55YFS	Iron Oxides (CI 77492) (And) Diisopropyl Dimer Dilinoleate (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate (And) Perfluorooctyl Triethoxysilane	
DIDW60RFS	Iron Oxides (CI 77491) (And) Diisopropyl Dimer Dilinoleate (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate (And) Perfluorooctyl Triethoxysilane	
DIDW70BFS	Iron Oxides (CI 77499) (And) Diisopropyl Dimer Dilinoleate (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate (And) Perfluorooctyl Triethoxysilane	
DIDW70CFS	Titanium Dioxide (And) Diisopropyl Dimer Dilinoleate (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate (And) Perfluorooctyl Triethoxysilane	

(Recommended for formulations) Preferred Use: Emulsions (O/W, W/S, W/O) May also be used in Anhydrous non-volatile and volatile systems

TNP55TRR	Iron Oxides (CI 77491) (And) C12-15 Alkyl Benzoate (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid	
TNP55TRY	Iron Oxides (CI 77492) (And) C12-15 Alkyl Benzoate (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid	

(Recommended for formulations) Preferred Use: Anhydrous non-volatile and volatile systems. May also be used in Emulsions (W/S, W/O, S/W, O/W)

COP40TRR	Ricinus Communis (Castor) Seed Oil (And) Iron Oxides (CI 77491) (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate	
COP40TRY	Ricinus Communis (Castor) Seed Oil (And) Iron Oxides (CI 77492) (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate	
CO45Y New	Iron Oxides (CI 77492) (And) Ricinus Communis (Castor) Seed Oil (And) Isopropyl Titanium Triisostearate	
CO55U New	Titanium Dioxide (And) Ricinus Communis (Castor) Seed Oil (And) Isopropyl Titanium Triisostearate	
CO60B New	Iron Oxides (CI 77499) (And) Ricinus Communis (Castor) Seed Oil (And) Isopropyl Titanium Triisostearate	
CO60R New	Iron Oxides (CI 77491) (And) Ricinus Communis (Castor) Seed Oil (And) Isopropyl Titanium Triisostearate	
CO20R7C	Ricinus Communis (Castor) Seed Oil (And) Red 7 Lake (And) Isopropyl Titanium Triisostearate	1
CO25R27A New	Ricinus Communis (Castor) Seed Oil (And) Red 27 Lake (And) Isopropyl Titanium Triisostearate	1
CO25R33A New	Ricinus Communis (Castor) Seed Oil (And) Red 33 Lake (And) Isopropyl Titanium Triisostearate	1,4
CO30B1A New	Ricinus Communis (Castor) Seed Oil (And) Blue 1 Lake (And) Isopropyl Titanium Triisostearate	
CO30R6B	Ricinus Communis (Castor) Seed Oil (And) Red 6 Lake (And) Isopropyl Titanium Triisostearate	1
CO30R30A New	Ricinus Communis (Castor) Seed Oil (And) Red 30 Lake (And) Isopropyl Titanium Triisostearate	1
CO35R28A New	Ricinus Communis (Castor) Seed Oil (And) Red 28 Lake (And) Isopropyl Titanium Triisostearate	1
CO35Y5A	Ricinus Communis (Castor) Seed Oil (And) Yellow 5 Lake (And) Isopropyl Titanium Triisostearate	

Dispersions in Esters/Oils

(Recommended for formulations) Preferred Use: Emulsions (W/S, W/O, S/W, O/W) May also be used in Anhydrous non-volatile and volatile systems

Trade Name	INCI Name	⚠
JOH45YJE New	*Iron Oxides (CI 77492) (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica*	
JOH65UJE New	*Titanium Dioxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica*	
JOH55RJE New	*Iron Oxides (CI 77491) (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica*	
JOH55BJE New	*Iron Oxides (CI 77499) (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica*	

(Recommended for formulations) Preferred Use: Emulsions (W/S, W/O, S/W, O/W) May also be used in Anhydrous non-volatile and volatile systems

GCB50YSG	*Iron Oxides (CI 77492) (And) Caprylic/Capric Triglyceride (And) Isopropyl Myristate (And) Stearoyl Glutamic Acid (And) Stearalkonium Hectorite (And) Trihydroxystearin (And) Propylene Carbonate*	
GCB60USG	*Titanium Dioxide (And) Caprylic/Capric Triglyceride (And) Isopropyl Myristate (And) Stearoyl Glutamic Acid (And) Stearalkonium Hectorite (And) Trihydroxystearin (And) Propylene Carbonate*	
GCB65RSG	*Iron Oxides (CI 77491) (And) Caprylic/Capric Triglyceride (And) Isopropyl Myristate (And) Stearoyl Glutamic Acid (And) Stearalkonium Hectorite (And) Trihydroxystearin (And) Propylene Carbonate*	
GCB70BSG	*Iron Oxides (CI 77499) (And) Caprylic/Capric Triglyceride (And) Isopropyl Myristate (And) Stearoyl Glutamic Acid (And) Stearalkonium Hectorite (And) Trihydroxystearin (And) Propylene Carbonate*	
GCG50TRSG New	*Iron Oxides (CI 77491) (And) Caprylic/Capric Triglyceride (And) Polyglyceryl-3 Diisostearate (And) Stearoyl Glutamic Acid*	
GCG50TYSG New	*Iron Oxides (CI 77492) (And) Caprylic/Capric Triglyceride (And) Polyglyceryl-3 Diisostearate (And) Stearoyl Glutamic Acid*	
SW50EY	*Synthetic Wax (And) Iron Oxides (CI 77492) (And) Isopropyl Titanium Triisostearate*	
SW55EB	*Synthetic Wax (And) Iron Oxides (CI 77499) (And) Isopropyl Titanium Triisostearate*	
SW60ER	*Synthetic Wax (And) Iron Oxides (CI 77491) (And) Isopropyl Titanium Triisostearate*	
SW65EBR	*Synthetic Wax (And) Iron Oxides (And) Isopropyl Titanium Triisostearate*	
SW65U	*Synthetic Wax (And) Titanium Dioxide (And) Isopropyl Titanium Triisostearate*	

(Recommended for formulations) Preferred Use: Anhydrous non-volatile and volatile systems. May also be used in Emulsions (W/S, W/O, S/W, O/W)

SW30B1A	*Synthetic Wax (And) Blue 1 Lake (And) Isopropyl Titanium Triisostearate*	
SW30R6	*Synthetic Wax (And) Red 6 (And) Isopropyl Titanium Triisostearate*	1
SW30R30A	*Synthetic Wax (And) Red 30 Lake (And) Isopropyl Titanium Triisostearate*	1
SW30R33A	*Synthetic Wax (And) Red 33 Lake (And) Isopropyl Titanium Triisostearate*	1,4
SW40R6B	*Synthetic Wax (And) Red 6 Lake (And) Isopropyl Titanium Triisostearate*	1
SW40R7C	*Synthetic Wax (And) Red 7 Lake (And) Isopropyl Titanium Triisostearate*	1
SW40Y5A	*Synthetic Wax (And) Yellow 5 Lake (And) Isopropyl Titanium Triisostearate*	
SW40Y6A	*Synthetic Wax (And) Yellow 6 Lake (And) Isopropyl Titanium Triisostearate*	1
SW50R40A	*Synthetic Wax (And) Red 40 Lake (And) Isopropyl Titanium Triisostearate*	
OD55YJE+	*Iron Oxides (CI 77492) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin*	
OD75BJE+	*Iron Oxides (CI 77499) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin*	
OD75CJE+	*Titanium Dioxide (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin*	
OD75RJE+	*Iron Oxides (CI 77491) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin*	

Approved by ECOCERT RAW MATERIAL
COSMOS APPROVED

+ Raw material approved by Ecocert in accordance with the Cosmos and Ecocert Standards

Dispersions in Silicone Emulsifiers

(Recommended for formulations) Preferred Use: Emulsions (W/S, W/O) May also be used in Anhydrous non-volatile and volatile systems

Trade Name	INCI Name	⚠
FAF40TRR	Cyclopentasiloxane (And) Iron Oxides (CI 77491) (And) Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone (And) Hydrogen Dimethicone (And) PEG/PPG-18/18 Dimethicone	
FAF40TRY	Cyclopentasiloxane (And) Iron Oxides (CI 77492) (And) Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone (And) Hydrogen Dimethicone (And) PEG/PPG-18/18 Dimethicone	
FAS50EYSI-E	Iron Oxides (CI 77492) (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane (And) Tocopheryl Acetate	
FAS55ERSI-E	Iron Oxides (CI 77491) (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane (And) Tocopheryl Acetate	
FAS60EBSI-E	Iron Oxides (CI 77499) (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane (And) Tocopheryl Acetate	
FAS70CSI-E	Titanium Dioxide (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane (And) Tocopheryl Acetate	
FAS70USI-E	Titanium Dioxide (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane (And) Tocopheryl Acetate	
FAS45Y5SI	Yellow 5 Lake (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane	
FAS50R6SI	Red 6 Lake (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane	1
FAS50R7SI	Red 7 Lake (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane	1
FAS65UVSI New	Ultramarines (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane (And) Disteardimonium Hectorite (And) Tocopheryl Acetate	2
FAS50YTB	Iron Oxides (CI 77492) (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Disteardimonium Hectorite (And) Tocopheryl Acetate	
FAS65RTB	Iron Oxides (CI 77491) (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Disteardimonium Hectorite (And) Tocopheryl Acetate	
FAS65UTB	Titanium Dioxide (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Disteardimonium Hectorite (And) Tocopheryl Acetate	
FAS70BTB	Iron Oxides (CI 77499) (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Disteardimonium Hectorite (And) Tocopheryl Acetate	
FAS50YFS	Iron Oxides (CI 77492) (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Perfluorooctyl Triethoxysilane (And) Tocopheryl Acetate	
FAS70BFS	Iron Oxides (CI 77499) (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Perfluorooctyl Triethoxysilane (And) Tocopheryl Acetate	
FAS70CFS	Titanium Dioxide (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Perfluorooctyl Triethoxysilane (And) Tocopheryl Acetate	
FAS70RFS New	Iron Oxides (CI 77491) (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone(And) Perfluorooctyl Triethoxysilane (And) Tocopheryl Acetate	
WE55Y	Iron Oxides (CI 77492) (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate (And) Isopropyl Titanium Triisostearate	
WE70B	Iron Oxides (CI 77499) (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate (And) Isopropyl Titanium Triisostearate	
WE70R	Iron Oxides (CI 77491) (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate (And) Isopropyl Titanium Triisostearate	
WE70U	Titanium Dioxide (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate (And) Isopropyl Titanium Triisostearate	
WE30B1A	Blue 1 Lake (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate (And) Isopropyl Titanium Triisostearate	
WE30R6B	Red 6 Lake (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate (And) Isopropyl Titanium Triisostearate	1
WE30R7C	Red 7 Lake (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate (And) Isopropyl Titanium Triisostearate	1
WE30Y5A	Yellow 5 Lake (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate (And) Isopropyl Titanium Triisostearate	

Dispersions in Non-D5 Silicones

(Recommended for formulations) Preferred Use: Emulsions (W/S, W/O) May also be used in Anhydrous systems

FADM55YTB New	Iron Oxides (CI 77492) (And) Dimethicone (And) PEG/Ppg-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Tocopheryl Acetate
FADM55RTB New	Iron Oxides (CI 77491) (And) Dimethicone (And) PEG/Ppg-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Tocopheryl Acetate
FADM60BTB New	Iron Oxides (CI 77499) (And) Dimethicone (And) PEG/Ppg-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Tocopheryl Acetate
FADM65UTB New	Titanium Dioxide (And) Dimethicone (And) PEG/Ppg-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Tocopheryl Acetate

Dispersions in Non-D5 Silicones

(Recommended for formulations) Preferred Use: Emulsions (W/S, W/O) May also be used in Anhydrous systems

Trade Name	INCI Name	⚠
FAND45UBSI	Ultramarines (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane	2
FAND45YSI	Iron Oxides (CI 77492)(And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane	
FAND55RSI	Iron Oxides (CI 77491) (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane	
FAND60BSI	Iron Oxides (CI 77499) (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane	
FAND65CSI	Titanium Dioxide (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane	
FAND65USI	Titanium Dioxide (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane	
FAND35B1SI	Blue 1 Lake (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane	
FAND35R33SI	Red 33 Lake (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane	1,4
FAND35Y5SI	Yellow 5 Lake (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane	
FAND50R6BSI	Red 6 Lake (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane	1
PT1BM30R7C New	Phenyl Trimethicone (And) Red 7 Lake (And) Isopropyl Titanium Triisostearate (And) Disteardimonium Hectorite (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Silica	1
PT1BM35B1A New	Phenyl Trimethicone (And) Blue 1 Lake (And) Silica (And) Isopropyl Titanium Triisostearate (And) Disteardimonium Hectorite (And) 1,2-Hexanediol (And) Caprylyl Glycol	
PT1BM40R28A New	Phenyl Trimethicone (And) Red 28 Lake (And) Silica (And) Isopropyl Titanium Triisostearate (And) Disteardimonium Hectorite (And) 1,2-Hexanediol (And) Caprylyl Glycol	1
PT1BM40R6B New	Phenyl Trimethicone (And) Red 6 Lake (And) Silica (And) Isopropyl Titanium Triisostearate (And) Disteardimonium Hectorite (And) 1,2-Hexanediol (And) Caprylyl Glycol	1
PT1BM50Y5A New	Phenyl Trimethicone (And) Yellow 5 Lake (And) Isopropyl Titanium Triisostearate (And) Disteardimonium Hectorite (And) Silica (And) 1,2-Hexanediol (And) Caprylyl Glycol	
PT1BM40Y New	Phenyl Trimethicone (And) Iron Oxides (CI 77492) (And) Silica (And) Disteardimonium Hectorite (And) Isopropyl Titanium Triisostearate (And) 1,2-Hexanediol (And) Caprylyl Glycol	
PT1BM60B New	Iron Oxides (CI 77499) (And) Phenyl Trimethicone (And) Disteardimonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Silica (And) 1,2-Hexanediol (And) Caprylyl Glycol	
PT1BM70R New	Iron Oxides (CI 77491) (And) Phenyl Trimethicone (And) Disteardimonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Silica (And) 1,2-Hexanediol (And) Caprylyl Glycol	
PT1BM70U New	Titanium Dioxide (And) Phenyl Trimethicone (And) Disteardimonium Hectorite (And) Isopropyl Titanium Triisostearate (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Silica	

Dispersions in Volatile Non-D5 Silicones

(Recommended for formulations) Preferred Use: Emulsions (W/S, W/O) May also be used in Anhydrous volatile systems

DIM2F45TRY	Dimethicone (And) Iron Oxides (CI 77492) (And) PEG-9 Polydimethylsiloxyethyl Dimethicone (And) Hydrogen Dimethicone (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate	
DIM2F50TRR	Dimethicone (And) Iron Oxides (CI 77491) (And) PEG-9 Polydimethylsiloxyethyl Dimethicone (And) Hydrogen Dimethicone (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate	
DIM2FX60BNFM	Dimethicone (And) Iron Oxides (CI 77499) (And) PEG/PPG-18/18 Dimethicone (And) Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone (And) Hydrogen Dimethicone	
MTMF65BNFM	Iron Oxides (CI 77499) (And) Methyl Trimethicone (And) Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone (And) Hydrogen Dimethicone (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate	

(Recommended for formulations) Preferred Use: Cold Emulsions (W/S, W/O) May also be used in Anhydrous volatile systems

PM9L20CB	Isododecane (And) Black 2 (And) Lecithin (And) Disteardimonium Hectorite (And) Propylene Carbonate — Preferred (Emulsions, Solvent Systems): Mascara, Eyeliner	
PMLVP20CB	Isododecane (And) Isohexadecane (And) Black 2 (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer	
PMLVP40R7D New	Isododecane (And) Red 7 Lake (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Isopropyl Titanium Triisostearate	1
PMLVP45B1A New	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	
PMLVP50R28A New	Red 28 Lake (And) Isododecane (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Isopropyl Titanium Triisostearate	1
PMLVP55Y5A New	Yellow 5 Lake (And) Isododecane (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Isopropyl Titanium Triisostearate	
PMLVP60R40A New	Red 40 Lake (And) Isododecane (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Isopropyl Titanium Triisostearate	
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	
PMLVP70UB	Ultramarines (And) Isododecane (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Triethoxycaprylylsilane	2
PMLVP75B	Iron Oxides (CI 77499) (And) Isododecane (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Isopropyl Titanium Triisostearate	
PMLVP75BR	Iron Oxides (And) Isododecane (And) Isohexadecane (And) Talc (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Isopropyl Titanium Triisostearate	
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	
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	

Dispersions in Aqueous Acrylic Resin

(Recommended for formulations) Preferred Use: Emulsions (O/W, S/W, W/O, W/S) or Aqueous Suspensions

Trade Name	INCI Name	⚠
WSJ10CB-NP	Black 2 (And) PEG-40 Hydrogenated Castor Oil (And) Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Aminomethyl Propanol (And) Sodium Dehydroacetate	
WSJ20BFF New	Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Ferric Ammonium Ferrocyanide (And) Aminomethyl Propanol	2
WSJ20EBAMP-O	Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Iron Oxides (CI 77499) (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Aminomethyl Propanol	
WSJ20EYAMP-O	Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Iron Oxides (CI 77492) (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Aminomethyl Propanol	
WSJ22BNF-O	Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Iron Oxides (CI 77499) (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Aminomethyl Propanol	
WSJ22ERAMP-O	Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Iron Oxides (CI 77491) (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Aminomethyl Propanol	
WSJ22UPAMP-O	Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Ultramarines (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Aminomethyl Propanol	2
WSJ24UBAMP-O	Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Ultramarines (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Aminomethyl Propanol	2
WSJ28PFAMP-O	Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Titanium Dioxide (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Alumina (And) Aminomethyl Propanol	
WSJ30CGAMP-O	Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Chromium Oxide Greens (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Aminomethyl Propanol	2

Dispersions in Water / Glycols

(Recommended for formulations) Preferred Use: Hair Products

BG45GYQ	Iron Oxides (CI 77492) (And) Butylene Glycol (And) Water (And) Polyquaternium-7	
BG55GBQ	Iron Oxides (CI 77499) (And) Butylene Glycol (And) Water (And) Polyquaternium-7	
BG60GRQ	Iron Oxides (CI 77491) (And) Butylene Glycol (And) Water (And) Polyquaternium-7	
BG60PFCQ	Titanium Dioxide (And) Butylene Glycol (And) Water (And) Polyquaternium-7 (And) Alumina	

(Recommended for formulations) Preferred Use: Emulsions (O/W, S/W, W/O, W/S) or Aqueous suspensions

GLW45GYSP	Iron Oxides (CI 77492) (And) Water (And) Glycerin (And) Sodium Polyacrylate (And) Cellulose Gum	
GLW55GRSP	Iron Oxides (CI 77491) (And) Water (And) Glycerin (And) Sodium Polyacrylate (And) Cellulose Gum	
GLW60GBSP	Iron Oxides (CI 77499) (And) Water (And) Glycerin (And) Sodium Polyacrylate (And) Cellulose Gum	
GLW75PFSP	Titanium Dioxide (And) Water (And) Glycerin (And) Sodium Polyacrylate (And) Cellulose Gum	
W60BBNFAP-O	Iron Oxides (CI 77499) (And) Water (And) Ammonium Polyacrylate	
WBG20CB	Water (And) Black 2 (And) Butylene Glycol (And) Disodium Lauryl Phenyl Ether Disulfonate (And) Cellulose Gum (And) Dimethicone	
WBG45WYSP	Iron Oxides (CI 77492) (And) Water (And) Butylene Glycol (And) Cellulose Gum (And) Sodium Polyacrylate	
WBG50BFF New	Ferric Ammonium Ferrocyanide (And) Water (And) Butylene Glycol (And) Sodium Polyacrylate	2
WBG55BNFSP New	Iron Oxides (CI 77499) (And) Water (And) Butylene Glycol (And) Cellulose Gum (And) Sodium Polyacrylate	
WBG55WRSP	Iron Oxides (CI 77491) (And) Water (And) Butylene Glycol (And) Cellulose Gum (And) Sodium Polyacrylate	
WBG60WBSP	Iron Oxides (CI 77499) (And) Water (And) Butylene Glycol (And) Cellulose Gum (And) Sodium Polyacrylate	
WBG75PFSP	Titanium Dioxide (And) Water (And) Butylene Glycol (And) Sodium Polyacrylate	

1 *Not suitable for use in eye area*
2 *Not suitable for use in lipsicks and other ingested products*
3 *Max allowed concentration of Red 36 in lip products is 3%*
4 *Max allowed concentration of dye in Red 33 lake in lip products is 3%*

Formula Scale-Up Guidelines for Pigmentary Dispersion addition - using Propeller Blade:

Take a portion of the formula's primary dilutent carrier or base and pre-mix using a propeller blade with the pigmentary dispersion phase in a side kettle until uniform. Perform drawdown of pre-mix phase and conduct a visual observation between glass slides to ensure uniformity prior to addition to main vessel. Pre-mix should safely be added to main vessel while propeller and sweep agitation is on low.

Formula Scale-Up Guidelines for Pigmentary Dispersion addition - using Homogenizer:

Take a portion of the formula's primary dilutent carrier or base and pre-mix using a homogenizer with the pigmentary dispersion phase in a side kettle until uniform. Perform drawdown of pre-mix phase and conduct a visual observation between glass slides to ensure uniformity prior to addition to main vessel. Pre-mix should safely be added to main vessel while homogenizer is on, re-circulate batch as needed.

Note: Proper consumer panel studies and testing are necessary to insure the stability of organic pigments & lakes in emulsions products and during use.

KLP-055A

Rich Color Lipstick with INBP Dispersions and KOBOGUARD® HRPC

Part 1

• Castor Oil - Alzo International Inc.: *Ricinus Communis (Castor) Seed Oil*	33.30%
• Softisan® 649 - Condea Vista: *Bis-Diglyceryl Polyacyladipate-2*	12.00%
• **SW5M5** - Kobo Products: *Synthetic Wax (And) Silica*	9.00%
• Candelilla Wax SP 75 - Olvea: *Euphorbia Cerifera (Candelilla) Wax*	7.50%
• SF1642 - Momentive: *C30-45 Alkyl Dimethicone*	4.50%
• Lipowax® D - Lipo Chemicals: *Cetearyl Alcohol (And) Ceteareth-20*	3.50%
• **KOBOGUARD® HRPC** - Kobo Products: *Hydrogenated Polycyclopentadiene (And) Polyethylene (And) Copernicia Cerifera (Carnauba) Wax (And) Tocopherol*	3.00%
• Ozokerite Wax White SP 1020 - Strahl & Pitsch: *Ozokerite*	3.00%
• Microcrystalline Wax SP-89 - Strahl & Pitsch: *Microcrystalline Wax*	2.50%
• **MSS-500/3H** - Kobo Products: *Silica*	1.00%
• BHT Food Grade Crystal - Protameen: *BHT*	0.10%
• Propyl Paraben NF - International Sourcing: *Propylparaben*	0.10%

Part 2

• **INBP45R7C** - Kobo Products: *Red 7 Lake (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid*	17.50%
• **INBP50Y5A** - Kobo Products: *Yellow 5 Lake (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid*	3.00%

Manufacturing Procedure

1. Combine all ingredients from Part 1 and mix at 80°C.
2. Slowly add Part 2 to Part 1 until fully dispersed and continue mixing at 80°C.
3. Homogenize batch at 80°C to fully develop pigments.
4. Pour into molds at 75°C.

Description

This lipstick features high solid pigmentary, INBP Dispersions, in Isononyl Isononanoate that offer a high pigment load to the formula to achieve the high intensity color claim. They ease the manufacturing process and provide fully developed color. The SW5M5 fumed silica gellant thickens and offers added shine and stability. Kobo's Microsphere, MSS-500/3H, offers increased pay off and helps to reduce sweating. KOBOGUARD® HRPC offers water-resistance and long wear to the formula.

KLF-167

Creamy Liquid Foundation with GCB/ASG Dispersions

Part 1

• Jeechem CTG - Jeen International: *Caprylic/Capric Triglyceride*	3.74%
• Dermofat 4919 - Alzo International Inc.: *Stearic Acid*	3.00%
• Lipo® GMS-450 - Vantage: *Glyceryl Stearate*	1.50%
• Lipocol® C - Vantage: *Cetyl Alcohol*	0.50%

Part 2

• **GCB60USG** - Kobo Products: *Titanium Dioxide (And) Caprylic/Capric Triglyceride (And) Isopropyl Myristate (And) Stearoyl Glutamic Acid (And) Stearalkonium Hectorite (And) Trihydroxystearin (And) Propylene Carbonate*	12.50%
• **GCB50YSG** - Kobo Products: *Iron Oxides (CI 77492) (And) Caprylic/Capric Triglyceride (And) Isopropyl Myristate (And) Stearoyl Glutamic Acid (And) Stearalkonium Hectorite (And) Trihydroxystearin (And) Propylene Carbonate*	2.00%
• **GCB65RSG** - Kobo Products: *Iron Oxides (CI 77491) (And) Caprylic/Capric Triglyceride (And) Isopropyl Myristate (And) Stearoyl Glutamic Acid (And) Stearalkonium Hectorite (And) Trihydroxystearin (And) Propylene Carbonate*	0.47%
• **GCB70BSG** - Kobo Products: *Iron Oxides (CI 77499) (And) Caprylic/Capric Triglyceride (And) Isopropyl Myristate (And) Stearoyl Glutamic Acid (And) Stearalkonium Hectorite (And) Trihydroxystearin (And) Propylene Carbonate*	0.29%

Part 3

• *Deionized Water*	69.45%
• Butylene Glycol - Ruger Chemical: *Butylene Glycol*	5.00%
• Triethanolamine 99 - Dow Chemical: *Triethanolamine*	1.00%
• Keltrol® CG - CP Kelco: *Polymethyl Methacrylate*	0.25%
• Germall® 115 - ISP: *Imidazolidinyl Urea*	0.20%
• Methyl Paraben NF - International Sourcing: *Methylparaben*	0.10%

Manufacturing Procedure

1. Combine Part 1 ingredients and mix well.
2. Blend Part 2 well, until color is fully developed.
3. Add Part 2 to Part 1. Mix well.
4. Heat Parts 1 and 2 together to 80°C.
5. Premix Xanthan Gum and Butylene Glycol and add to water. Add the remaining ingredients in Part 3 to the water. Heat Part 1 to 80°C.
6. Add Part 3 to Parts 1 and 2 under propeller mixing.

Description

This water-based foundation contains GCB dispersions with ASG Treatment, an amino acid treatment that provides a creamy feel to the formula.

KLF-189A

W/Si Liquid Foundation with FADM/TTB Dispersions

Part 1

- **MTM3F40T7** - Kobo Products: *Methyl Trimethicone (And) Titanium Dioxide (And) Alumina (And) Hydrogen Dimethicone (And) Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone* 23.30%
- Xiameter® PMX-200 Silicone Fluid 5CS - Dow Corning: *Dimethicone* 10.00%
- X-22-6711D - Shin Etsu: *Dimethicone (And) PEG/PPG-18/18 Dimethicone* 4.80%
- **FADM65UTB** - Kobo Products: *Titanium Dioxide (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Tocopheryl Acetate* 4.00%
- **FADM55YTB** - Kobo Products: *Iron Oxides (CI 77492) (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Tocopheryl Acetate* 2.60%
- SALACOS® 99 - Ikeda Corporation: *Isononyl Isononanoate* 2.50%
- **KOBOGUARD® MQ65TMF** - Kobo Products: *Trimethylsiloxysilicate (And) Methyl Trimethicone* 2.50%
- Lexol® PG-865 - Inolex: *Propylene Glycol Dicaprylate/Dicaprate* 2.50%
- **SUMECTON SAN-P** - Kobo Products: *Quaternium-18 Hectorite* 1.00%
- KF-6017 - Shin Etsu: *PEG-10 Dimethicone* 1.00%
- Ethyl Alcohol E1028 - Warner Graham: *Ethyl Alcohol* 1.00%
- Dow Corning 556 Fluid - Dow Corning: *Phenyl Trimethicone* 0.75%
- **FADM55RTB** - Kobo Products: *Iron Oxides (CI 77491) (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Tocopheryl Acetate* 0.40%
- **FADM60BTB** - Kobo Products: *Iron Oxides (CI 77499) (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Tocopheryl Acetate* 0.25%

Part 2

- *Deionized Water* 37.15%
- Butylene Glycol - Ruger Chemical Co., Inc.: *Butylene Glycol* 2.00%
- Glycerin U.S.P. Natural 96% - Ruger Chemical Co., Inc.: *Glycerin* 1.25%
- Germaben® II - ISP: *Propylene Glycol (And) Diazolidinyl Urea (And) Methylparaben (And) Propylparaben* 1.00%
- Sodium Chloride - Morton Salt: *Sodium Chloride* 1.00%
- Jeecide CAP-5 - Jeen International: *Phenoxyethanol (And) Caprylyl Glycol (And) Potassium Sorbate (And) Water (And) Hexylene Glycol* 0.50%
- Tween™ 20 - Croda: *Polysorbate 20* 0.50%

Manufacturing Procedure

1. Combine Parts 1 and 2, and homogenize for 20 minutes at 5000rpm.
2. Slowly add Part 3 to Parts 1 and 2, and homogenize until dispersed.

Description

This W/Si Liquid Foundation features MTM3F40T7, TiO_2 dispersion in methyl trimethicone, a non-D5 volatile silicone carrier with excellent skin feel. FADM/TTB dispersions showcase the versatility of TTB treated pigments as they are easily incorporated into the silicone phase. SUMECTON SAN-P gives body and thickening to the oil/silicone phase. KOBOGUARD® MQ65TMF gives a flexible film and helps with the formula's wear.

KMA-073

Active Lifestyle Mascara with KOBOGUARD® 50AMP

Part 1

- Beeswax White Sp 422P - Strahl & Pitsch: *Beeswax* 5.00%
- Ozokerite Wax White SP 1020P - Strahl & Pitsch: *Ozokerite* 3.00%
- Carnauba Wax SP 63P - Strahl & Pitsch: *Copernicia Cerifera (Carnauba) Wax* 2.00%
- Dermofat 4919 - Alzo International Inc.: *Stearic Acid* 2.00%
- **KOBOGUARD® HRPC** - Kobo Products: *Hydrogenated Polycyclopentadiene (And) Polyethylene (And) Copernicia Cerifera (Carnauba) Wax (And) Tocopherol* 2.00%
- Microcrystalline Wax SP-89 - Strahl & Pitsch: *Microcrystalline Wax* 2.00%
- Liposorb® SQO - Vantage: *Sorbitan Sesquioleate* 1.00%

Part 2

- *Deionized Water* 35.50%
- TEAlan 99% - RITA Corp.: *Triethanolamine* 1.00%
- Natrosol® 250 HHR CS - Ashland: *Hydroxyethylcellulose* 0.30%

Part 3

- Glycerin U.S.P. Natural 96% - Ruger Chemical Co., Inc.: *Glycerin* 3.00%
- *Deionized Water* 2.50%
- Butylene Glycol - Ruger Chemical Co., Inc.: *Butylene Glycol* 2.00%
- Euxyl® PE 9010 - Schulke & Mayr: *Phenoxyethanol (And) Ethylhexylglycerin* 0.80%

Part 4

- **WSJ22BNF-O** - Kobo Products: *Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Iron Oxides (CI 77499) (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Aminomethyl Propanol* 15.40%
- **W60BBNFAP-O** - Kobo Products: *Iron Oxides (CI 77499) (And) Water (And) Ammonium Polyacrylate* 8.00%

Part 5

- **KOBOGUARD® 50AMP** - Kobo Products: *Acrylates/Ethylhexyl Acrylate Copolymer (And) Water (And) Aminomethyl Propanol* 10.00%

Part 6

- **TR-2** - Toray/Kobo Products: *Nylon-6* 4.00%

Part 7

- **NFCB-10D-2R** - Daito/Kobo Products: *Nylon-6 (And) Black 2 (And) Silica* 0.50%

Manufacturing Procedure

1. Combine Part 1 and heat to 80°C.
2. In Part 2, add Natrosol® 250 HHR CS to deionized water under propeller mixing. Mix until Natrosol® is fully hydrated. Add the rest of Part 2 and heat to 80°C.
3. Switch to sweep blade and add Part 1 to Part 2 at 80°C.
4. Cool to 50°C and add Part 3.
5. Add Part 4 at 45°C.
6. Add Part 5 below 40°C.
7. Add Part 6 and Part 7, respectively.

Description

This active lifestyle mascara features KOBOGUARD® HRPC which provides quick build up with a water-resistant film. KOBOGUARD® 50AMP also produces a long-wearing film and provides water resistance. Kobo's Pigmentary Dispersions, WSJ22BNF-O and W60BBNFAP-O, ease the manufacturing process and are used in combination to impart a deep black shade. WSJ22BNF-O also has film-forming properties. Kobo's microsphere TR-2 is an absorbent Nylon-6 polymer that creates build-up on the lashes. NFCB-10-2R, a nylon fiber that contains Black 2, gives the lashes a lengthening effect while enhancing the intense black color.