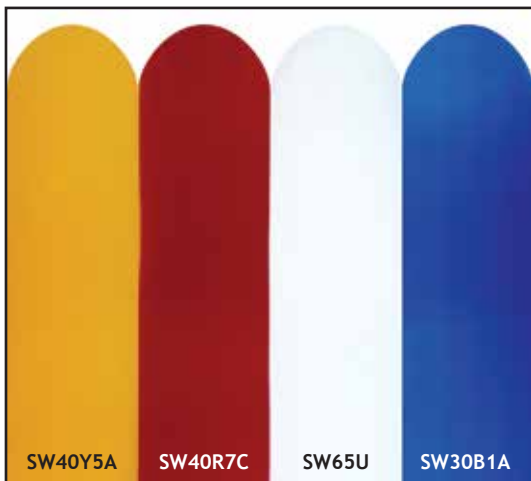


Pigmentary Grade Dispersions

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

KOBO

Kobo Products, Inc.
3474 So. Clinton Ave.
So. Plainfield, NJ 07080
USA
tel +1 (908) 757-0033
fax +1 (908) 757-0905

Kobo Products, SAS
135 Rue Buissonniere
Quartier Bouysset
31670 LABEGE
France
tel +33 (0)5-62-88-77-40
fax +33 (0)5-62-88-77-49

Kobo Brasil Ltda.
Rua Bamboré n.41
Ipiranga - São Paulo/SP
04278-060
Brasil
tel +55 (11) 5062-0634

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) Isopropyl Myristate (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
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	

Dispersions in Esters/Oils

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

Trade Name	INCI Name	
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	Iron Oxides (CI 77492) (And) Ricinus Communis (Castor) Seed Oil (And) Isopropyl Titanium Triisostearate	
CO55U	Titanium Dioxide (And) Ricinus Communis (Castor) Seed Oil (And) Isopropyl Titanium Triisostearate	
CO60B	Iron Oxides (CI 77499) (And) Ricinus Communis (Castor) Seed Oil (And) Isopropyl Titanium Triisostearate	
CO60R	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	Ricinus Communis (Castor) Seed Oil (And) Red 27 Lake (And) Isopropyl Titanium Triisostearate	1
CO25R33A	Ricinus Communis (Castor) Seed Oil (And) Red 33 Lake (And) Isopropyl Titanium Triisostearate	1,4
CO30B1A	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	Ricinus Communis (Castor) Seed Oil (And) Red 30 Lake (And) Isopropyl Titanium Triisostearate	
CO35R28A	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	

(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	Iron Oxides (CI 77491) (And) Caprylic/Capric Triglyceride (And) Polyglyceryl-3 Diisostearate (And) Stearoyl Glutamic Acid	
GCG50TYSG	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	

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) Distearidimonium Hectorite (And) Tocopheryl Acetate	
● FAS50YTB	Iron Oxides (CI 77492) (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Distearidimonium 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) Distearidimonium Hectorite (And) Tocopheryl Acetate	
○ FAS65UTB	Titanium Dioxide (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Distearidimonium 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) Distearidimonium 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

Trade Name	INCI Name	
FADM55YTB <small>New</small>	Iron Oxides (CI 77492) (And) Dimethicone (And) PEG/Ppg-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Tocopheryl Acetate	
FADM55RTB <small>New</small>	Iron Oxides (CI 77491) (And) Dimethicone (And) PEG/Ppg-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Tocopheryl Acetate	
FADM60BTB <small>New</small>	Iron Oxides (CI 77499) (And) Dimethicone (And) PEG/Ppg-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Tocopheryl Acetate	
FADM65UTB <small>New</small>	Titanium Dioxide (And) Dimethicone (And) PEG/Ppg-18/18 Dimethicone (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Tocopheryl Acetate	
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 <small>New</small>	Phenyl Trimethicone (And) Red 7 Lake (And) Isopropyl Titanium Triisostearate (And) Distearidimonium Hectorite (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Silica	
PT1BM35B1A <small>New</small>	Phenyl Trimethicone (And) Blue 1 Lake (And) Silica (And) Isopropyl Titanium Triisostearate (And) Distearidimonium Hectorite (And) 1,2-Hexanediol (And) Caprylyl Glycol	1
PT1BM40R6B <small>New</small>	Phenyl Trimethicone (And) Red 6 Lake (And) Silica (And) Isopropyl Titanium Triisostearate (And) Distearidimonium Hectorite (And) 1,2-Hexanediol (And) Caprylyl Glycol	1
PT1BM50Y5A <small>New</small>	Phenyl Trimethicone (And) Yellow 5 Lake (And) Isopropyl Titanium Triisostearate (And) Distearidimonium Hectorite (And) Silica (And) 1,2-Hexanediol (And) Caprylyl Glycol	
PT1BM40Y <small>New</small>	Phenyl Trimethicone (And) Iron Oxides (CI 77492) (And) Silica (And) Distearidimonium Hectorite (And) Isopropyl Titanium Triisostearate (And) 1,2-Hexanediol (And) Caprylyl Glycol	
PT1BM60B <small>New</small>	Iron Oxides (CI 77499) (And) Phenyl Trimethicone (And) Distearidimonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Silica (And) 1,2-Hexanediol (And) Caprylyl Glycol	
PT1BM70R <small>New</small>	Iron Oxides (CI 77491) (And) Phenyl Trimethicone (And) Distearidimonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Silica (And) 1,2-Hexanediol (And) Caprylyl Glycol	
PT1BM70U <small>New</small>	Titanium Dioxide (And) Phenyl Trimethicone (And) Distearidimonium 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

Trade Name	INCI Name	
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) Distearidimonium 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 <small>New</small>	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	
PMLVP45B1A <small>New</small>	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 <small>New</small>	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	
PMLVP55Y5A <small>New</small>	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	
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 <small>New</small>	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	

Dispersions in Water / Glycols

(Recommended for formulations) Preferred Use: Hair Products

Trade Name	INCI Name	
● 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 <small>New</small>	Ferric Ammonium Ferrocyanide (And) Water (And) Butylene Glycol (And) Sodium Polyacrylate	2
● WBG55BNFSP <small>New</small>	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 lipsticks 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 diluent 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 diluent 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.

Pigmentary Grade Dispersions

Rich Color Lipstick with INBP Dispersions and KOBOGUARD® HRPC

KLP-055A

Part 1

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

Part 2

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

Creamy Liquid Foundation with GCB/SG Dispersions

KLF-167

Part 1

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

Part 2

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

Part 3

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

KOBO

www.koboproducts.com

Pigmentary Grade Dispersions

Solubility/Compatibility Tests (1% Addition)

Solvent -->	Di Water	Mineral Oil	Castor Oil	Polydecene	Octyl Palmitate	Diisopropyl Adipate	Iso dodecane	Cyclo methicone	Di methicone	Phenyl Trimethicone	Synthetic Wax
BG	SC	NC	C	NC	NC	NC	NC	NC	NC	NC	C
CO	NC	NC	C	NC	C	C	NC	NC	NC	NC	C
COP	NC	SC	C	NC	SC	SC	SC	NC	NC	NC	C
DID	NC	C	SC	SC	C	SC	SC	SC	NC	C	C
DIM	NC	C	SC	SC	SC	SC	C	C	SC	C	SC
FADM	NC	SC	SC	SC	SC	C	C	SC	SC	C	SC
FAF	NC	SC	SC	NC	NC	NC	SC	SC	NC	NC	SC
FAND	NC	SC	SC	NC	NC	SC	C	C	SC	C	SC
FAS-FS	NC	NC	NC	NC	SC	SC	SC	SC	SC	SC	SC
FAS-SI	NC	SC	C	SC	SC	SC	C	C	C	C	C
FAS-TTB	NC	SC	SC	NC	NC	SC	C	C	SC	SC	SC
GCB	NC	C	C	SC	SC	SC	SC	SC	SC	SC	C
GCG	NC	SC	SC	SC	SC	SC	C	SC	NC	NC	C
GLW	C	NC	NC	NC	NC	NC	NC	NC	NC	NC	SC
IN	NC	C	C	SC	C	SC	SC	SC	SC	SC	C
OD	NC	SC	SC	SC	SC	SC	SC	NC	NC	NC	C
PM9L20CB	NC	C	C	SC	SC	SC	NC	NC	SC	SC	C
PMLVP	NC	SC	SC	C	SC	NC	SC	NC	NC	SC	C
PT1BM	NC	C	C	SC	C	SC	C	C	SC	C	C
SW	NC	C	SC	SC	C	SC	SC	SC	NC	NC	C
TNBP	NC	C	SC	NC	SC	SC	SC	NC	NC	NC	C
TNP	NC	SC	C	SC	SC	NC	C	SC	SC	SC	C
WBG	C	NC	NC	NC	NC	NC	NC	NC	NC	NC	SC
WE	NC	C	C	SC	SC	SC	SC	SC	NC	C	C
WSJ	C	NC	NC	NC	NC	NC	NC	NC	NC	NC	C
		hydrocarbon	fat/oil	synthetic polymer	ester	ester	hydrocarbon	siloxane/silane	siloxane/silane	siloxane/silane	waxes

Disperse 5% of the pigmentary dispersion into each solvent and hand mix in a small glass jar. Based on the solubility, determine if the dispersions are compatible (C), slightly compatible (SC) or not compatible (NC) with each solvent.

Kobo Products, Inc.
3474 So. Clinton Ave.
So. Plainfield, NJ 07080
USA
tel +1 (908) 757-0033
fax +1 (908) 757-0905

Kobo Products, SAS
135 Rue Buissonniere
Quartier Bouysset
31670 LABEGE
France
tel +33 (0)5-62-88-77-40
fax +33 (0)5-62-88-77-49

Kobo Brasil Ltda.
Rua Bamboré n.41
Ipiranga - São Paulo/SP
04278-060
Brasil
tel ++55 (11) 5062-0634

KOBO

www.koboproducts.com