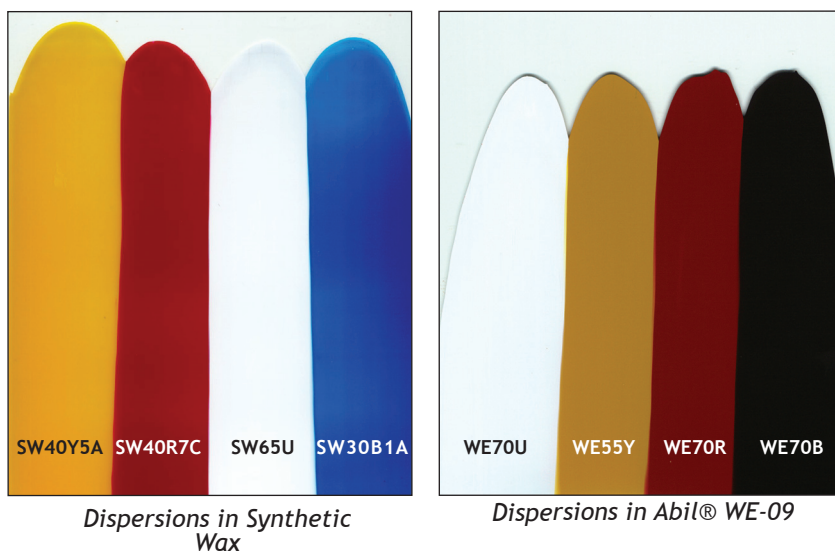


Pigmentary Grade Dispersions

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.



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Dispersions in Esters/Oils

Trade Name	INCI Name	Recommended for : formulations	Recommended for : applications	▲
DIDW50DF	Titanium Dioxide (And) Diisopropyl Dimer Dilinoleate (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate (And) C9-15 Fluoroalcohol Phosphate (And) Alumina	Preferred Use: Emulsions (W/O, W/S) May also be used in: Anhydrous non-volatile and volatile systems	Preferred (Emulsions): Liquid and cream foundation make-ups, cream-to-powder make-up, concealers, mascaras, blush May also be used in (Anhydrous): Eyeshadows, concealers	
DIDW40DRF	Iron Oxides (C.I. 77491) (And) Diisopropyl Dimer Dilinoleate (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate (And) C9-15 Fluoroalcohol Phosphate			
DIDW45DYF	Iron Oxides (C.I. 77492) (And) Diisopropyl Dimer Dilinoleate (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate (And) C9-15 Fluoroalcohol Phosphate			
DIDW55DBF	Iron Oxides (C.I. 77499) (And) Diisopropyl Dimer Dilinoleate (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate (And) C9-15 Fluoroalcohol Phosphate			
INBP70U	Titanium Dioxide (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid	Preferred Use: Anhydrous non-volatile and volatile systems May also be used in: Emulsions (W/S, W/O, S/W, O/W)	Preferred (Anhydrous): lipsticks, blush and other stick forms May also be used in (Emulsions): Liquid and cream foundation make-ups, cream-to-powder make-up, emulsion lipsticks and blush	
INBP75ER	Iron Oxides (C.I. 77491) (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate			
INBP55EY	Iron Oxides (C.I. 77492) (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate			
INBP75EB	Iron Oxides (C.I. 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			
INBP45R7C	Red 7 Lake (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid			
INBP50R33A	Red 33 Lake (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate			
INBP50R6B	Red 6 Lake (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid			
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			
INBP40B1A	Blue 1 Lake (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid			
TNBP65USI <small>New</small>	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			
TNBP60YSI <small>New</small>	Iron Oxides (C.I. 77492) (And) C12-15 Alkyl Benzoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane (And) Propylene Carbonate (And) Trihydroxystearin			
TNBP80RSI <small>New</small>	Iron Oxides (C.I. 77491) (And) C12-15 Alkyl Benzoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane (And) Propylene Carbonate (And) Trihydroxystearin			
TNBP80BSI <small>New</small>	Iron Oxides (C.I. 77499) (And) C12-15 Alkyl Benzoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane (And) Propylene Carbonate (And) Trihydroxystearin			
CO30R6B	Ricinus Communis (Castor) Seed Oil (And) Red 6 Lake (And) Isopropyl Titanium Triisostearate	Preferred Use: Anhydrous non-volatile and volatile systems	Preferred (Anhydrous): lipsticks, blush and other stick forms	1
CO20R7C	Ricinus Communis (Castor) Seed Oil (And) Red 7 Lake (And) Isopropyl Titanium Triisostearate			
CO35Y5A	Ricinus Communis (Castor) Seed Oil (And) Yellow 5 Lake (And) Isopropyl Titanium Triisostearate	May also be used in: Emulsions (W/S, W/O, S/W, O/W)	May also be used in (Emulsions): Liquid and cream foundation make-ups, cream-to-powder make-up, emulsion lipsticks and blush	
CO40SS	Sodium Saccharin (And) Ricinus Communis (Castor) Seed Oil (And) BHT			
TNP55TRR	Iron Oxides (C.I. 77491) (And) C12-15 Alkyl Benzoate (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid	Preferred Use: Emulsions (W/S, W/O) May also be used in: Anhydrous non-volatile and volatile systems		
TNP55TRY	Iron Oxides (C.I. 77492) (And) C12-15 Alkyl Benzoate (And) Triethoxycaprylylsilane (And) Polyhydroxystearic Acid			

1 Not suitable for use in eye area

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

2 Not suitable for use in lipsticks or other ingested products

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

Dispersions in Esters/Oils

Trade Name	INCI Name	Recommended for : formulations	Recommended for : applications	
SW65U	Synthetic Wax (And) Titanium Dioxide (And) Isopropyl Titanium Triisostearate	Preferred Use: Emulsions (W/S, W/O, S/W, O/W)	Preferred (Emulsions): Liquid and cream foundation make-ups, cream-to-powder make-up, concealers, mascaras, emulsion lipsticks and blush	
SW60ER	Synthetic Wax (And) Iron Oxides (C.I. 77491) (And) Isopropyl Titanium Triisostearate			
SW50EY	Synthetic Wax (And) Iron Oxides (C.I. 77492) (And) Isopropyl Titanium Triisostearate			
SW55EB	Synthetic Wax (And) Iron Oxides (C.I. 77499) (And) Isopropyl Titanium Triisostearate			
SW65EBR	Synthetic Wax (And) Iron Oxides (And) Isopropyl Titanium Triisostearate			
SW40R6B	Synthetic Wax (And) Red 6 Lake (And) Isopropyl Titanium Triisostearate	Preferred Use: Anhydrous non-volatile and volatile systems	Preferred (Anhydrous): Lipsticks, blush and other stick forms	1
SW40R7C	Synthetic Wax (And) Red 7 Lake (And) Isopropyl Titanium Triisostearate			
SW30R6	Synthetic Wax (And) Red 6 (And) Isopropyl Titanium Triisostearate			
SW30R30A	Synthetic Wax (And) Red 30 Lake (And) Isopropyl Titanium Triisostearate			
SW30R33A	Synthetic Wax (And) Red 33 Lake (And) Isopropyl Titanium Triisostearate			
SW40Y5A	Synthetic Wax (And) Yellow 5 Lake (And) Isopropyl Titanium Triisostearate			
SW40Y6A	Synthetic Wax (And) Yellow 6 Lake (And) Isopropyl Titanium Triisostearate			
SW30B1A	Synthetic Wax (And) Blue 1 Lake (And) Isopropyl Titanium Triisostearate			
		May also be used in: Emulsions (W/S, W/O, S/W, O/W)	May also be used in (Emulsions): Liquid and cream foundation make-ups, cream-to-powder make-up, emulsion lipsticks and blush	1

Dispersions in Aqueous Acrylic Resin

Trade Name	INCI Name	Recommended for : formulations	Recommended for : applications	
WSJ28PFAMP	Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Titanium Dioxide (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Alumina (And) Aminomethyl Propanol	Preferred Use: Emulsions (O/W, S/W, W/O, W/S) or Aqueous Suspensions	Preferred (Emulsions): Sunscreens, liquid and cream foundation make-ups, cream-to-powder make-up, concealers, mascaras, blush	
WSJ22ERAMP	Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Iron Oxides (C.I. 77491) (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Aminomethyl Propanol			
WSJ20EYAMP	Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Iron Oxides (C.I. 77492) (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Aminomethyl Propanol			
WSJ22BNF	Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Iron Oxides (C.I. 77499) (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Aminomethyl Propanol			
WSJ24BBNF	Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Iron Oxides (C.I. 77499) (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Aminomethyl Propanol (And) Ammonium Polyacrylate			
WSJ10CB	Black 2 (And) PEG-40 Hydrogenated Castor Oil (And) Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Aminomethyl Propanol (And) Sodium Dehydroacetate (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Laureth-21			
WSJ24UBAMP	Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Ultramarines (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Aminomethyl Propanol			
			(Suspensions): Sunscreens, oil control liquid make-ups	2

Dispersions in Water / Glycols

Trade Name	INCI Name	Recommended for : formulations	Recommended for : applications	
BG60PFCQ	Titanium Dioxide (And) Butylene Glycol (And) Water (And) Polyquaternium-7 (And) Alumina	Preferred Use: Emulsions (O/W, S/W, W/O, W/S) or aqueous suspensions	Preferred (Emulsions): Liquid and cream foundation make-ups, cream-to-powder make-up, concealers, mascaras, blush	
BG60GRQ	Iron Oxides (C.I. 77491) (And) Butylene Glycol (And) Water (And) Polyquaternium-7			
BG45GYQ	Butylene Glycol (And) Iron Oxides (C.I. 77492) (And) Water (And) Polyquaternium-7			
BG55GBQ	Iron Oxides (C.I. 77499) (And) Butylene Glycol (And) Water (And) Polyquaternium-7			
GLW75PFAP-MP	Titanium Dioxide (And) Water (And) Glycerin (And) Ammonium Polyacrylate			
GLW55GRAP	Iron Oxides (C.I. 77491) (And) Water (And) Glycerin (And) Ammonium Polyacrylate			
GLW45GYAP	Iron Oxides (C.I. 77492) (And) Water (And) Glycerin (And) Ammonium Polyacrylate			
GLW60GBAP	Iron Oxides (C.I. 77499) (And) Water (And) Glycerin (And) Ammonium Polyacrylate			
W60BBNFAP	Iron Oxides (C.I. 77499) (And) Water (And) Ammonium Polyacrylate			
			(Suspensions): Oil control liquid make-ups	

1 Not suitable for use in eye area

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2 Not suitable for use in lipsticks or other ingested products

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

Dispersions in Silicone Emulsifiers

Trade Name	INCI Name	Recommended for : formulations	Recommended for : applications	⚠	
FAF40TRR	Cyclopentasiloxane (And) Iron Oxides (C.I. 77491) (And) Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone (And) Hydrogen Dimethicone (And) PEG/PPG-18/18 Dimethicone	Preferred Use: Emulsions (W/S, W/O) May also be used in: Anhydrous non-volatile and volatile systems	Preferred (Emulsions): Liquid and cream foundation make-ups, cream-to-powder make-up, concealers, mascaras, emulsion lipsticks and blush May also be used in (Anhydrous): Eyeshadows, concealers, lipsticks		
FAF40TRY	Cyclopentasiloxane (And) Iron Oxides (C.I. 77492) (And) Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone (And) Hydrogen Dimethicone (And) PEG/PPG-18/18 Dimethicone				
FAS70USI	Titanium Dioxide (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane				
FAS55ERSI	Iron Oxides (C.I. 77491) (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane				
FAS50EYSI	Iron Oxides (C.I. 77492) (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane				
FAS60EBSI	Iron Oxides (C.I. 77499) (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		
FAS45Y5SI	Yellow 5 Lake (And) Cyclopentasiloxane (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane				
WE70U	Titanium Dioxide (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate (And) Isopropyl Titanium Triisostearate	Preferred Use: Emulsions (W/S, W/O) May also be used in: Anhydrous non-volatile and volatile systems	Preferred (Emulsions): Liquid and cream foundation make-ups, cream-to-powder make-up, concealers, mascaras, emulsion lipsticks and blush May also be used in (Anhydrous): Eyeshadows, concealers, lipsticks		
WE70R	Iron Oxides (C.I. 77491) (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate (And) Isopropyl Titanium Triisostearate				
WE55Y	Iron Oxides (C.I. 77492) (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate (And) Isopropyl Titanium Triisostearate				
WE70B	Iron Oxides (C.I. 77499) (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				
WE30B1A	Blue 1 Lake (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate (And) Isopropyl Titanium Triisostearate				

Dispersions in Volatile Non-D5 Silicones

Trade Name	INCI Name	Recommended for : formulations	Recommended for : applications	⚠	
DIM2F50TRR	Dimethicone (And) Iron Oxides (C.I. 77491) (And) PEG-9 Polydimethylsiloxyethyl Dimethicone (And) Hydrogen Dimethicone (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate	Preferred Use: Emulsions (W/S, W/O) May also be used in: Anhydrous volatile systems	Preferred (Emulsions): Liquid and cream foundation make-ups, cream-to-powder make-up, concealers, mascaras, emulsion lipsticks and blush May also be used in (Anhydrous): Eyeshadows, concealers, lipsticks		
DIM2F45TRY	Dimethicone (And) Iron Oxides (C.I. 77492) (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 (C.I. 77499) (And) PEG/PPG-18/18 Dimethicone (And) Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone (And) Hydrogen Dimethicone				
MTMF65BNFM	Iron Oxides (C.I. 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				
FAND65USI	Titanium Dioxide (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane	Preferred Use: Emulsions (W/S, W/O) May also be used in: Anhydrous volatile systems	Preferred (Emulsions): Liquid and cream foundation make-ups, cream-to-powder make-up, concealers, mascaras, blush May also be used in (Anhydrous): Eyeshadows, concealers		
FAND65CSI	Titanium Dioxide (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane				
FAND55RSI	Iron Oxides (C.I. 77491) (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane				
FAND45YSI	Iron Oxides (C.I. 77492) (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane				
FAND60BSI	Iron Oxides (C.I. 77499) (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
FAND35R33SI	Red 33 Lake (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane				1
FAND35Y5SI	Yellow 5 Lake (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane				
FAND35B1SI	Blue 1 Lake (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylylsilane				
PM9L20CB	Isododecane (And) Black 2 (And) Lecithin (And) Distearidmonium Hectorite (And) Propylene Carbonate				Preferred (Emulsions, Solvent Systems): Mascaras, eyeliners

1 Not suitable for use in eye area

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