


Velvety Concealer with Hydrosperse [HS] Pigments

In water based systems, Hydrosperse (HS) pigments disperse easily without high shear, develop fully in color and tinting strength, and show reduced color flotation.

INCI Name	Ingredient	Supplier	Wt%
Phase A			
Water (Aqua)	Deionized Water	Croda	q.s.
Polysorbate 60	Tween™ 60	RT	0.10
Magnesium Aluminum Silicate	Veegum®	Vanderbilt	0.70
Sodium Lithium Magnesium Silicate	Laponite® XLG	Rockwood	0.30
Phase B			
Titanium Dioxide (&) Disodium Carboxyethyl Siliconate	Titanium Dioxide HS	Gelest/Paradigm Science	16.00
Iron Oxides (&) Disodium Carboxyethyl Siliconate	Yellow Iron Oxide HS	Gelest/Paradigm Science	1.60
Iron Oxides (&) Disodium Carboxyethyl Siliconate	Red Iron Oxide HS	Gelest/Paradigm Science	0.60
Iron Oxides (&) Disodium Carboxyethyl Siliconate	Black Iron Oxide HS	Gelest/Paradigm Science	0.16
Talc (&) Disodium Carboxyethyl Siliconate	Talc HS	Gelest/Paradigm Science	1.64
Phase C			
Butylene Glycol			6.00
Cellulose Gum	CMC7H3SF	Aqualon	0.10
Polysorbate 60	Tween™ 60	Croda	0.40
Preservative			q.s.
Phase D			
Potassium Cetyl Phosphate	Amphisol® K	DSM	2.00
Phase E			
Polydiethylsiloxane	SiBrid® DE-12	Gelest/Paradigm Science	12.00
Ethylhexyl Palmitate	Ceraphyl® 368	ISP	5.00
Glyceryl Stearate	Cersynt® SD	ISP	1.50
Sorbitan Stearate	Span™ 60	Croda	1.00
Preservative			q.s.
Total			100

Procedure:

- In order, add Phase A ingredients to water and homogenize while heating to 70°C.
- Once hydrated, add Phase B and continue mixing.
- In Phase C, premix butylene glycol and gum, add to Phase AB, and homogenize. Add remainder of Phase C to Phase ABC.
- Slowly mix Phase D into batch until dissolved and continue homogenization at 80° C. Combine Phase E and heat to 80°C. Slowly add Phase E to Phase ABCD. Homogenize for 15 minutes at 80° C. Cool under mixing to 30°C.

Formula courtesy of  Gelest PCS

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