Gel eyeliner with AS Treated Pigments

AS treated pigments optimize wetting to achieve a high pigment load product that draws a smooth waterproof line.

Ingredient	INCI Name	Supplier	%
Phase 1			
Candelilla Wax	Euphorbia Cerifera (Candelilla) Wax	Strahl & Pitsch	2.50
Carnauba Wax #1	Copernica Cerifera (Carnauba) Wax	Frank B. Ross	.50
Microcrystalline Wax SP 19	Microcrystalline Wax	Strahl & Pitsch	1.30
Ozokerite 170D	Ozokerite	Frank B. Ross	.90
Ascorbyl Palmitate	Ascorbyl Palmitate	DSM	.05
Benzoic Acid	Benzoic Acid	Spectrum Chemicals	.10
Phase 2			
AS-5812 Alkyl Silane treated Titanium Dioxide	Titanium Dioxide, Triethoxycaprylylsilane	Color Techniques	.50
AS-5131 Alkyl Silane treated Yellow Iron Oxide	Iron Oxides, Triethoxycaprylylsilane	Color Techniques	2.00
AS-5126 Alkyl Silane treated Red Iron Oxide	Iron oxides, Triethoxycaprylylsilane	Color Techniques	.75
AS-5146 Alkyl Silane treated Black Iron Oxide	Iron oxides, Triethoxycaprylylsilane,	Color Techniques	2.00
Cithrol® PG32IS	Polyglyceryl-3 Diisostearate	Croda	.50
Ceraphyl® 368	Ethylhexyl Palmitate	Ashland	4.00
Phase 3			
Permethyl® 99A	Isododecane	Presperse	3.25
Ceraphyl® 368	Ethylhexyl Palmitate	Ashland	4.00
Cithrol® PG32IS	Polyglyceryl-3 Diisostearate	Croda	.25
Lilac	Isohexadecane	Sonneborn	5.85
Versagel® MD	Isododecane, Ethylene/Propylene/Styrene	Penreco	25.00
	Copolymer, Butylene/Ethylene, Styrene Copolymer		
Bentone® ISDV	Isododecane, Disteardimonium Hectorite	Elementis	10.30
	Propylene Carbonate		
AS-50230 Alkyl Silane treated Talc	Talc, Triethoxycaprylylsilane	Color Techniques	17.00
AS-5061 Alkyl Silane treated Sericite	Mica, Triethoxycaprylylsilane	Color Techniques	12.25

260 Ryan Street South Plainfield, NJ 07080 USA Tel:908-412-9292
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continued

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Ingredient	INCI Name	Supplier	%
Orgasol® 2002D NAT COS, Alkyl Silane treated	Nylon-12, Triethoxycaprylylsilane	Vantage/Color Techniques	7.00
			100.00

Manufacturing Procedure:

1- Combine Phase 1. Heat to 85-90°C in a sealed vessel.

2- Add Phase 2. Adjust temperature to 75-80° C. Agitate with a high sheer disperser or homogenizer until no undispersed color remains.

3- In a separate sealed vessel, combine Phase 3 with stirring while heating to 75-80° C. Add to Phases 1 and 2. Agitate with a high speed disperser or homogenizer until the batch is homogeneous.

4- With side sweep stirring, pull a light vacuum to remove entrapped air while lowering temperature to 70-72°C. Fill into heretically sealed vials or pots.

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