

Concealer with TTB-Treated Pigments

Formula KCC-001C

Kobo Products - formulations

Part	Percent	Ingredients	INCI Name	Supplier
1	5.04	SF1202	Cyclopentasiloxane	Momentive/Kobo Products
	3.50	SF96-20	Dimethicone	Momentive/Kobo Products
	1.00	Crill 6	Sorbitan Isostearate	Croda
	1.00	Liposorb® O	Sorbitan Oleate	Lipo Chemicals
	1.00	SF1528	Cyclopentasiloxane (And) PEG/PPG-20/15 Dimethicone	Momentive/Kobo Products
	0.10	Propyl Paraben NF	Propylparaben	International Sourcing
2	22.50	SF1528	Cyclopentasiloxane (And) PEG/PPG-20/15 Dimethicone	Momentive/Kobo Products
	20.00	BTD-TTB2	Titanium Dioxide (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone	Kobo Products
	10.00	GMS-TTB4	Mica (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone	Kobo Products
	1.05	BGYO-TTB2	Iron Oxides (C.I. 77492) (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone	Kobo Products
	0.50	SP-10	Nylon-12	Toray/Kobo Products
	0.42	BGRO-TTB2	Iron Oxides (C.I. 77491) (And) Isopropyl Titanium Triisostearate (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone	Kobo Products
	0.12	BGBO-TTB2	Iron Oxides (C.I. 77499) (And) Triethoxysilylethyl Polydimethylsiloxyethyl Dimethicone (And) Isopropyl Titanium Triisostearate	Kobo Products
	3	5.00	Propylene Glycol	Propylene Glycol
0.10		Keltrol F	Xanthan Gum	CP Kelco
0.10		Methyl Paraben NF	Methylparaben	International Sourcing
4	16.47	Deionized Water	Water	
	1.25	Sodium Chloride	Sodium Chloride	Morton Salt
5	1.00	Candelilla Wax	Candelilla Wax	Frank B. Ross
	0.85	SP 422P	White Beeswax	Strahl & Pitsch, Inc.
6	7.50	VELVESIL 125	Cyclopentasiloxane (And) C30-45 Alkyl Cetearyl Dimethicone Crosspolymer	Momentive/Kobo Products
7	1.50	KTZ® INTERVAL RED	Mica (And) Titanium Dioxide	Kobo Products
100				

Manufacturing Procedure

Use explosion-proof mixers and equipment during batching process

1. Add Part 1 raw materials and mix with a homogenizer. Combine Part 2 ingredients, add to Part 1, and homogenize for 30 minutes.
2. Combine the Methylparaben and Propylene Glycol. Stir until dissolved. Slurry in the Xanthan Gum.
3. Combine the water and Sodium Chloride to form the salt solution.
4. Combine Parts 3 and 4 to form the aqueous part.
5. Add the aqueous Parts 3 and 4 very slowly to the Silicone Pigment Parts 1 and 2 using the homogenizer. Add Part 5 to Parts 1, 2 and 3 at 75-80°C. Cool the batch to 60°C.
6. At 60°C add Part 6 to Parts 1, 2, 3, 4 and 5. Continue homogenizing to 25°C.
7. Add Part 7 slowly - hand side sweep.

Description

This concealer provides high coverage without 'chalkiness', achieved by using Kobo's Crosspolymer-Treated GMS-TTB4, and Crosspolymer-Treated Pigments. KTZ® Interval Red neutralizes dark circles (Red cuts Blue) underneath the eye area. Velvesil 125 promotes a creamy, gel texture to the product, and SP-10 gives a creamy slip during application. SF1528 is an excellent W/O emulsifier, and SF96-20 provides even spread on application.

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March, 2010

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Formulations

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The Powder & Dispersion Specialist

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