

# Concealer with TTB-Treated Pigments

## Formula KCC-001C

Kobo Products - formulations

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

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-10L 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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# KOBO

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# The Powder & Dispersion Specialist

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