

# Koboguard® Solvent Based Mascara

## Formula KMA-017C

Kobo Products - formulations

Part	Percent	Ingredients	INCI Name	Supplier
<b>1</b>	33.70	Permethy® 99A	Isododecane	Presperse
	4.00	<b>LUCENTITE SAN-P</b>	Quaternium-18 Hectorite	<b>Kobo Products</b>
	4.00	Ethanol 24,511-9	Ethyl Alcohol	Aldrich Chemical Co.
<b>2</b>	10.00	Beeswax White SP 422	Beeswax	Strahl & Pitsch
	7.50	<b>KOBOGUARD® 5400 IDD</b>	Hydrogenated Polycyclopentadiene (And) Isododecane	<b>Kobo Products</b>
	1.00	Ivarlan 3001	Lanolin	Arch Chemicals, Inc
	1.00	Carnauba Wax SP 63P	Copernicia Cerifera (Carnauba) Wax	Strahl & Pitsch
<b>3</b>	5.00	<b>SP-10</b>	Nylon-12	<b>Toray/Kobo Products</b>
<b>4</b>	30.00	<b>PMLVP20CB</b>	Isododecane (And) Isohexadecane (And) Black 2 (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer	<b>Kobo Products</b>
	0.50	Phenoxyethanol	Phenoxyethanol	Clariant
	0.10	Propyl Paraben NF	Propylparaben	International Sourcing
	0.10	Methyl Paraben NF	Methylparaben	International Sourcing
<b>5</b>	3.00	Deionized Water	Water	
	0.10	Gemall® 115	Imidazolidinyl Urea	ISP
100				

### Manufacturing Procedure

\*Use explosion-proof mixers and equipment during batching process\*

1. Homogenize Part 1.
2. Heat Part 1 to 75-80°C.
3. Add Part 2 to heated Part 1 and mix well.
4. Cool to 65°C, then add Part 3 and mix.
5. Cool to 50°C, then add Part 4 and mix.
6. Mix Part 5 in a separate container, then add and mix until 30°C.

### Description

This thickening, waterproof mascara features Kobo's Carbon Black dispersion, PMLVP20CB, which gives a deep, intense black color. The dispersion eliminates the need for milling of Carbon Black (Black 2) and contributes to an ease in manufacturing. Lucentite SAN-P is a synthetic clay thickener that gels the solvents. Koboguard® 5400 IDD gives a waterproof film, while SP-10 helps the mascara glide on the lashes and adds volume.

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## Formulations

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# The Powder & Dispersion Specialist

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