

# SPF Long-Lasting Lipstick

Formula KLP-015B



Kobo Products - formulations

Part	Percent	Ingredients	INCI Name	Supplier
1	16.41	Dermol DID	Diisopropyl Dimer Dilinoleate	Alzo International Inc.
	12.25	Cosmol 168AR	Dipentaerythrityl Hexahydroxystearate/Hexastearate/Hexarosinate	Ikeda Corporation
	9.00	White Petrolatum USP	Petrolatum	Ultra Chemical, Inc.
	8.06	Cosmol 222	Diisostearyl Malate	Ikeda Corporation
	5.67	Ozokerite Wax White SP 1020	Ozokerite	Strahl & Pitsch
	4.72	Perfomalene PL	Polyethylene	New Phase
	0.60	Salacos HS	Cholesteryl Hydroxystearate	Ikeda Corporation
2	10.00	<b>IN60S4</b>	Titanium Dioxide (And) Isononyl Isononanoate (And) Stearic Acid (And) Aluminum Hydroxide	<b>Kobo Products</b>
3	8.00	Dermol DID	Diisopropyl Dimer Dilinoleate	Alzo International Inc.
	2.10	<b>RED 6BA C-I2</b>	Red 6 Lake (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
	1.45	<b>YELLOW 5AL-I2</b>	Yellow 5 Lake (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
	1.44	<b>RED 7CA K-I2</b>	Red 7 Lake (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
	0.45	<b>BLACK NF</b>	Iron Oxides (C.I. 77499)	<b>Kobo Products</b>
4	8.00	Dermol DID	Diisopropyl Dimer Dilinoleate	Alzo International Inc.
	5.00	<b>MSS-500/3H</b>	Silica	<b>Kobo Products</b>
	3.00	<b>KTZ® INTERVAL BLUE</b>	Mica (And) Titanium Dioxide	<b>Kobo Products</b>
	2.00	<b>MICA S-I2</b>	Mica (And) Isopropyl Titanium Triisostearate	<b>Kobo Products</b>
	1.50	Vanilla #281-587	Fragrance	American Flavors & Fragrances
	0.20	Methyl Paraben NF	Methylparaben	International Sourcing
	0.15	Propyl Paraben NF	Propylparaben	International Sourcing

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### Manufacturing Procedure

- Charge ingredients into main tank and begin mixing with propeller agitation.
- Heat to 90°C and hold for 30 minutes.
- Add the Micronized Titanium Dispersion and stir for 15-20 minutes.
- Using a 3-roll roller mill, roller mill pigments in wetting agent (DID) until finely dispersed.
- Charge pigment dispersions to main tank and mix for 15 minutes maintaining batch temperature between 86-88°C.
- Using propeller agitation, combine the Pearls, Silica and Fragrance with the Dermol DID.
- Add the slurry to main tank and mix for 15 minutes maintaining batch temperature between 86-88°C.
- Adjust shade accordingly to match standard.
- QS batch to 100% after all adjustments using DID.
- Once shade has been adjusted, continue propeller agitation and cool batch temperature to 80°C.
- Pour bulk evenly in lipstick mold and let set up (approximately 5 minutes depending on mold/cavity size). Fill cavity to top rim to prevent coring.
- Once bulk is set, cool to at least 5°C by force chilling on a chill plate or in a freezer.
- Remove bullets from cavity and insert into appropriate lipstick tubes.

### Description

This lipstick features Kobo's ITT-Treated colors and Mica. These pigments have excellent compatibility with the skin. They are a very good formulation choice for lip products because of the oils that are normally used to prepare lipsticks. KTZ® Interval Blue provides a shimmering effect on the lips while MSS-500/3H Silica Microspheres give a glide-on application. IN60S4 is Kobo's Titanium Dioxide Dispersion for SPF.

### Notes

Active Ingredient(s)	
Titanium Dioxide	4.90%

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## Formulations

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# The Powder & Dispersion Specialist

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