

Non-D5 Foundation with FAND Dispersions

Formula KLF-048D

Kobo Products - formulations

Part	Percent	Ingredients	INCI Name	Supplier
1	4.80	X-22-6711D	Dimethicone (And) PEG/PPG-18/18 Dimethicone	Shin-Etsu Chemical Co.
	2.50	Lexol® PG-865	Propylene Glycol Dicaprylate/Dicaprate	Inolex Chemical Company
	2.50	Salacos 99	Isononyl Isononanoate	Ikeda Corporation
	2.50	SS4267	Dimethicone (And) Trimethylsiloxysilicate	Momentive/Kobo Products
	1.00	Ethyl Alcohol E1028	Ethyl Alcohol	Warner Graham
	1.00	LUCENTITE SAN-P	Quaternium-18 Hectorite	Kobo Products
	0.75	SF1555	Bis-Phenylpropyl Dimethicone	Momentive/Kobo Products
2	23.30	DM2F40T7	Dimethicone (And) Trisiloxane (And) Titanium Dioxide (And) Alumina (And) Methicone (And) PEG-9 Polydimethylsiloxylethyl Dimethicone	Kobo Products
	6.65	Element14 PDMS 5	Dimethicone	Momentive/Kobo Products
	4.00	FAND65USI	Titanium Dioxide (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylsilane	Kobo Products
	2.60	FAND45YSI	Iron Oxides (C.I. 77492) (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylsilane	Kobo Products
	1.00	KF-6017	PEG-10 Dimethicone	Shin-Etsu Chemical Co.
	0.40	FAND55RSI	Iron Oxides (C.I. 77491) (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylsilane	Kobo Products
	0.25	FAND60BSI	Iron Oxides (C.I. 77499) (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Triethoxycaprylsilane	Kobo Products
3	37.50	Deionized Water	Water	
	2.00	Butylene Glycol	Butylene Glycol	Ruger Chemical
	1.25	Glycerin U.S.P. Natural 96%	Glycerin	Univar USA Inc.
	1.00	Germaben® II	Propylene Glycol (And) Diazolidinyl Urea (And) Methylparaben (And) Propylparaben	ISP
	1.00	Sodium Chloride	Sodium Chloride	Morton Salt
	0.50	Jeecide CAP-5	Phenoxyethanol (And) Caprylyl Glycol (And) Potassium Sorbate (And) Water (And) Hexylene Glycol	Jeen International
	0.50	Tween™ 20	Polysorbate 20	Croda
4	3.00	MSS-500W	Silica	Kobo Products

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Manufacturing Procedure

1. Homogenize all ingredients of Part 1 until fully dispersed. Homogenize at least 20 minutes at 3000 RPM.
2. Add Part 2 to dispersed Part 1 at room temperature. Homogenize for 15 minutes.
3. Slowly add Part 3 to dispersed Parts 1 and 2 at room temperature and homogenize until dispersed.
4. Add Part 4 ingredients together in separate tank and slowly add to Parts 1, 2 and 3 with homogenization.

Description

This W/O foundation features Kobo's Volatile Non-D5 Pigmentary Dispersions, FAND Dispersions. DM2F40T7 is a Volatile Non-D5 Attenuation grade TiO2 Dispersion and is used for SPF. Kobo's Lucentite SAN-P gives body and thickening to the oil/silicone phase and Element14 PDMS-5 gives slip during application. MSS-500W is a spherical silica which gives slip during application and helps to give a matte finish when dry.

Notes

Active Ingredient(s)	9.82%
Titanium Dioxide	

Kobo Products, Inc.

3474 South Clinton Avenue, South Plainfield, NJ 07080 - USA
tel: +1 - 908-757-0033 fax: +1 - 908-757-0905 info@koboproductsinc.com

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www.koboproducts.com

Formulations

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The Powder & Dispersion Specialist

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www.koboproducts.com

Kobo Products, Inc.

3474 South Clinton Avenue
South Plainfield, NJ 07080 - USA
tel : +1 - 908-757-0033
fax : +1 - 908-757-0905

Kobo Products SAS

Rue Buissonnière. BP 67660
31676 Labege Cedex - FRANCE
tel : +33 - (0)5-62-88-77-40
fax : +33 - (0)5-62-88-77-49