

CA 1052 Liquid Foundation

Ingredients	%(w/w)	Functions	INCI designation	Supplier
Phase 1				
Deionised water	48.21			
Lucentite SWN	2	Suspending agent	Lithium Magnesium Sodium Silicate	Kobo
Phase 2				
Deionised water	20			
Disodium EDTA	0.1	Chelating agent		
Xanthan Gum	0.4	Gelling agent		
Phase 3				
WE 70U	6	Coloring agent	Titanium Dioxide (and) Polyglyceryl-4 Isostearate (And) Cetyl PEG/Ppg-10/1 Dimethicone (And) Hexyl Laurate (and) Isopropyl Titanium Triisostearate	Kobo
WE 55Y	0.23	Coloring agent	Iron Oxide (CI 77492) (and) Polyglyceryl-4 Isostearate (And) Cetyl PEG/Ppg-10/1 Dimethicone (And) Hexyl Laurate (and) Isopropyl Titanium Triisostearate	Kobo
WE 70R	0.05	Coloring agent	Iron Oxide (C.I. 77491) (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/Ppg-10/1 Dimethicone (And) Hexyl Laurate (and) Isopropyl Titanium Triisostearate	Kobo
WE 70B	0.01	Coloring agent	Iron Oxide (C.I. 77499) (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/Ppg-10/1 Dimethicone (And) Hexyl Laurate (and) Isopropyl Titanium Triisostearate	Kobo
Siltech CE-2000	4	Wetting agent	Trioctyldodecyl citrate	Siltech

This formula is presented in good faith, and we believe it is correct, but no warranty as to accuracy of results, or fitness for a particular use is given, nor is freedom from patent infringement to be inferred. It's offered solely for your consideration, investigation and verification.

Ingredients	%(w/w)	Functions	INCI designation	Supplier
Phase 4				
SPCAT-I2	1	Feeling agent	Talc (and) Ethylene Mathacrylate Copolymer (and) Isopropyl	Kobo
ASO-I2	1	Mattifying agent	Aluminium Starch Octenylsuccinate (and) Isopropyl Titanium Triisostearate	Kobo
SP-500	1	Feeling agent	Nylon-12	Kobo
Sunshine Glitter White C80-3400	1	Effect pigment	Fluorophogopite (and) Titanium Dioxide	Sun Chemical
Phase 5				
Hydrolactol 70	4	O/W emulsifier	Glyceryl Stearate (and) Propylene Glycol Stearate (and) Glyceryl Isostearate (and) Propylene Glycol Isostearate (and) Oleth-25 (and) Ceteth-25	Gattefosse
Isostearyl Isostearate	4	Emollient	Isostearyl Isostearate	Gattefosse
BC Volatile 5	6	Feeling agent	Cyclomethicone	Basildon
BC 100cS	1	Feeling agent	Dimethicone	Basildon
Total	100			

Process:

1. Disperse Lucentite SWN over the water. Let stand.
2. Dissolve Disodium EDTA and disperse Xanthan Gum over the water. Let stand.
3. Add Phase 1 into Phase 2 and stir until homogeneous.
4. Wet WE 70U, WE 55Y, WE 70R and WE 70B with Siltech CE-2000 and stir until homogeneous.
5. Add Phase 4 into Phase 3 and stir until homogeneous.
6. Then, add Phase 5 into Phase 3+4.
7. Add Phase 3+4+5 heated to 75-80°C into Phase 1+2 heated to 75-80°C with moderate stirring.
8. Cool while stirring.
9. Complete cooling.

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