


TITLE: SPF 45 Foundation
FORMULATION #DN-047-45-4

Ingredient	Product Type	Market Focus	Function	Skin Types	Method	Snap Shot
	Foundation	Women	Makeup Sun Protection	All	Hot Process	A lightweight mineral foundation for everyday wear.

Key Ingredients

Trade Name	INCI Name	Wt%
PHASE A		
Water	Aqua	36.29
PHASE B		
Glycerin	Glycerin	2.00
Zemea (Essential Ingredients)	Propanediol	5.00
Keltrol CG-SFT (CP KELCO)	Xanthan Gum	0.15
PHASE C0		
MiyoAqua White TSR (Myoshi)	Hydroxide and Algin	0.50
MiyoAqua Yellow (Myoshi)	Iron Oxide and Algin	2.05
MiyoAqua Red (Myoshi)	Iron Oxide and Algin	0.67
MiyoAqua Black NH (Myoshi)	Iron Oxide and Algin	0.34
Mica (Sensient)	Mica	2.32
PHASE D		
Liponate GC (Vantage)	Caprylic/Capric Triglyceride	7.00
Zinclear XP65COCO (Antaria)	Zinc Oxide, Coco Caprylate/ Caprate, Polyglyceryl-3 Polyricinoleate (and) Isostearic Acid	30.00
Emulium Mellifera MB (Gattefosse)	Polyglyceryl-6 Distearate, Jojoba Esters, Polyglyceryl-3 Beeswax, Cetyl Alcohol	4.18
PHASE E		
Hydresia® SF2	<i>Carthamus Tinctorius (Safflower) Oleosomes + Water</i>	8.50
PHASE C		
Preservative		1.00

Procedure

1. Predisperse phase 2 and add to phase 1 with agitation until uniform.
2. Add Phase 3 to Phase 1/2 and homogenize until all pigments are dispersed.
3. Combine Phase 4 and heat to 75-80 with mixing until uniform throughout.
4. Cool to 50-55C and add to main batch under homogenizer until uniform.
5. Add Phase 5, mixing until uniform, not exceeding 3000 rpm. Add phase 6, mix until uniform.

Sales & Technical Support

sales@botaneco.ca

403.668.6685

Information contained in this technical literature is believed to be accurate and is offered in good faith for the benefit of the customer. This company, however, cannot assume any liability or risk involved in the use of its chemical products since the conditions of use are beyond our control. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. The customer must insure that its uses of our products are non-infringing. We make no warranty of any kind, expressed or implied other than the material conforms to the standard applicable specification.