

**Formula Name : Water-Popping Foundation (with D-400)**

Lot.No.46-WTF-10

(NIKKOL Nikkomulose WO-CF: 1.75%)

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INCI NAME	TRADE NAME	ROLE/FEATURE	SUPPLIER	wt%
<b>A</b>				
Disteardimonium Hectorite,PEG-10 Dimethicone,Dimethicone	NIKKOL Nikkomulose WO-CF	Emulsifier	NIKKO CHEMICALS	1.7500
Dimethicone	KF-96L-2cs	Emollient agent	Shin-Etsu Chemical	7.5000
Dimethicone	KF-96A-100cs	Emollient agent	Shin-Etsu Chemical	2.0000
PEG-3 Dimethicone	KF-6015	Emulsifier	Shin-Etsu Chemical	0.2500
Titanium Dioxide,Aluminum Hydroxide,Talc,Hydrogen Dimethicone	FDP-C-WHITE3	Inorganic pigment	Toshiki Pigment	4.5000
Titanium Dioxide,Aluminum Hydroxide,Talc,Hydrogen Dimethicone,Iron Oxides	FDP-C-RED3	Inorganic pigment	Toshiki Pigment	0.7500
Titanium Dioxide,Aluminum Hydroxide,Talc,Hydrogen Dimethicone,Iron Oxides	FDP-C-YELLOW3	Inorganic pigment	Toshiki Pigment	1.5000
Titanium Dioxide,Aluminum Hydroxide,Talc,Hydrogen Dimethicone,Iron Oxides	FDP-C-BLACK3	Inorganic pigment	Toshiki Pigment	0.7500
HDI/Trimethylol Hexyllactone Crosspolymer,Silica	D-400	Texturizer	Toshiki Pigment	1.0000
<b>B</b>				
Glycerin		Moisturizer		10.0000
Propanediol		Moisturizer		5.0000
Magnesium Sulfate		Stabilizer		0.5000
Phenoxyethanol		Antimicrobial agent		0.5000
Water				64.0000
			Total	100.0000
<b>Procedure</b>				
1. Disperse A with disperser mixer until uniform.				
2. Stir B until uniform at room temperature.				
3. While stirring A by disperser mixer, add B into A gradually and emulsify for a certain period of time.				
<b>Physical Properties</b>			<b>Stability</b>	
Initial viscosity (B type Viscometer, No.4 6rpm/30sec.) : 83100 mPa · s			· RT, 45°C, 5°C : Confirmed for 3 month	
			· 50°C, -5°C, Cycle(-5⇄45°C) : Confirmed for 1 month	

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We do not guarantee the stability of the final products of formulations in this brochure though the stability was checked under certain conditions.

We do not guarantee the preservation property of this formulation as we do have not checked it.

We do not guarantee that this formulation does not conflict with any patent.

It is users' responsibility to determine the suitability for their own use of the formulation.