

Cyclosiloxane-free W/O FOUNDATION <Liquid> TG21-SFLF-PS

ELDEW™ PS-203 provides rich feel to D5, D6-free fluid foundation.

	Trade name	INCI Name	wt%	Function
A	Permethyl 99A *1	Isododecane	8.0	Solvent
	Cropure JOJOBA *2	Joboba Oil	3.0	Solvent
	Nikkol Sugar Squalane *3	Squalane	3.0	Solvent
	ELDEW™ PS-203	Phytosteryl/Octyldodecyl Lauroyl Glutamate	2.0	Emollient
	PolyAqual OS2 *4	Polyglyceryl-2 Oleate, Polyhydroxystearic Acid, Polyglyceryl-2 Stearate	2.0	Emulsifier
	PolyAqual VO4 *4	Polyglyceryl-4 Oleate, Polyglyceryl-6 Oleate, Polyhydroxystearic Acid	1.0	Emulsifier
	Nikkol Hexaglyn PR-15 *3	Polyglyceryl-6 Polyricinoleate	1.0	Emulsifier
	BENTON GEL ISD V *5	Isododecane, Disteardimonium Hectorite, Propylene Carbonate	4.0	Gelatinizing agent
	Unimer U-15 *6	VP/Eicosene Copolymer	1.0	Film former
B	OTS-2 TiO2 CR-50 *7	Titanium Dioxide, Alminum Hydroxide, Triethoxycaprylylsilane	9.0	Pigment
	OTS-2 Red R-516-L *7	Iron Oxide, Triethoxycaprylylsilane	0.3	Pigment
	OTS-2 Yellow LL-XLO *7	Iron Oxide, Triethoxycaprylylsilane	1.5	Pigment
	OTS-2 Black BL-100 *7	Iron Oxide, Triethoxycaprylylsilane	0.1	Pigment
	PolyAqual OS2 *2	Polyglyceryl-2 Oleate, Polyhydroxystearic Acid, Polyglyceryl-2 Stearate	1.0	Dispersing agent
	Cosmol 43V *8	Polyglyceryl-2 Triisostearate	5.0	Dispersing agent
C	Butylene Glycol	Butylene Glycol	9.0	Moisturizer
	Maltitol	Maltitol	3.0	Moisturizer
	Preservative	Preservative	q.s.	Preservative
	Water	Water	balance	Solvent
		Total	100.0	

*1 Presperse, *2 Croda, *3 Nikko Chemicals, *4 Innovacos, *5 Elementis, *6 Givaudan S.A., *7 Daito Kasei Industries, *8 Nissin Oillio

<PROCEDURE>

1. Disperse part B with a roller mill 3 times.
2. Mix part A uniformly at 75°C.
3. Add part B into part A and mix Part (A+B) with a homogenizing mixer at 75°C (3,000 rpm, 5 min).
4. Mix part C uniformly at 75°C.
5. With adding part C into part (A+B) gradually, mix part (A+B+C) with a homogenizing mixer at 75°C (3,000 rpm, 5min).
6. Cool down by stirring with a paddle mixer (150 rpm) at room temperature.

<PHYSICAL PROPERTIES and STABILITY>

Appearance: Beige, Fluid

Viscosity: 5,000 mPa · s (TVB-10, M3, 12 rpm)

Stability: 25°C, 40°C, 45°C, 1 month



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