

EXERCISE PROOF FOUNDATION

CHN CT 041/0027

This robust foundation helps to prevent the smudging caused by sweat, yet maintains a lighter skin feel. Keep your face looking fresh and selfie ready throughout your tough workout!

PHASE	INGREDIENTS	% W/W
A	AXOL® C 62 Pellets MB (Glyceryl Stearate Citrate)	3.00
	ABIL® EM 90 (Cetyl PEG/PPG-10/1 Dimethicone)	0.60
	TEGOSOFT® OER MB (Oleyl Erucate)	5.00
	TEGOSOFT® DEC (Diethylhexyl Carbonate)	4.00
	ABIL® Wax 9801 (Cetyl Dimethicone)	2.00
B	TEGOSOFT® DEC (Diethylhexyl Carbonate)	4.00
	Titanium Dioxide; Triethoxycaprylylsilane (CI 77891; Triethoxycaprylylsilane)	7.00
	Unipure Yellow LC 182 AS-EM (CI 77492, Iron Oxides, Triethoxycaprylylsilane)	0.40
	Unipure Red LC 381 AS-EM (CI 77491, Iron Oxides, Triethoxycaprylylsilane)	0.12
	Unipure Black LC 989 AS-EM (CI 77499, Iron Oxides, Triethoxycaprylylsilane)	0.08
C	Glycerin	4.00
	Water	44.00
	EDTA	0.10
	Butylene Glycol	4.00
	TEGO® Carbomer 341 ER (2 % in water) (Acrylates / C10-30 Alkyl Acrylate Crosspolymer)	20.00
D	Euxyl PE 9010 (Phenoxyethanol, Ethylhexylglycerin)	0.70
	NaOH (10%)	1.00

Processing

1. Prepare phase A, B, C, and heat A and C to 80 - 85 C.

2. Prepare phase B by dispersing the powder in oil with Ultra Turrax at 13500 rpm for 5 minutes.
3. Add B into A, stir well with hand stirring, keep A/B at 80 - 85 C.
4. Add phase C into A/B Homogenize with 20000rpm 90 seconds.
5. Cool down with hand stirring to 40 °C, phase inversion to O/W.
6. Homogenize again with 13500rpm, 30 seconds.
7. Add phase D stir well with hand stir.

Remarks

Emulsion viscosity ~24300mPas (Brookfield RV DV-1, sp. 5, 10 rpm) pH value: 6.2

Disclaimer:

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