

SUPER WEARING MAGIC FOUNDATION

CHN CT 041-0026

O/W process with a unique combination of ABIL® EM 90 and AXOL® C 62 Pellets. This special combination enables a kind of light sensorial change during application. At initial stage of application, O/W system offers light sensory with moisture benefit. While the water evaporates, the sensory perception transfers magically into the caring profile known from W/O emulsions. Addition of ABIL® EM 90 can reduce the wash out effect of the pigment from the formulation.

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® OP (Ethylhexyl Palmitate)	5.00
	TEGOSOFT® DEC (Diethylhexyl Carbonate)	4.00
	ABIL® Wax 9801 (Cetyl Dimethicone)	2.00
B	TiO2 CR-50 AS (CI 77891, Titanium Dioxide (and) Triethoxycaprylylsilane)	7.00
	TEGOSOFT® DEC (Diethylhexyl Carbonate)	4.00
	Unipure Yellow LC 182 (CI 77492, Iron Oxides)	0.40
	Unipure Red LC 381 (CI 77491, Iron Oxides)	0.12
	Unipure Black LC 989 (CI 77499, Iron Oxides)	0.08
C	Water	63.60
	Glycerin	4.00
	Butylene Glycol	4.00
	TEGO® Carbomer 341 ER (Acrylates/C10-30 Alkyl Acrylate Crosspolymer)	0.40
	Tetrasodium EDTA	0.10
D	Sodium Hydroxide (10 % in water)	1.00
	Euxyl PE 9010 (Phenoxyethanol, Ethylhexylglycerin)	0.70

Processing

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

Remarks

Emulsion viscosity: 24000 mPa.s $\dot{\gamma}$ (Brookfield RV DV-I, sp. 5, 10 rpm)
pH value: 6.2

Disclaimer:

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Evonik Nutrition & Care GmbH

Goldschmidtstraße 100
45127 Essen, Germany
P.O. BOX 45116 Essen
Phone +49 0201 173 2546
Fax +49 0201 173 712546
personal-care@evonik.com
www.evonik.com/personal-care