

SHAPE MEMORY W/O GEL

CHN BR 31-0002B

This formula gives the consumer the impression of a "fresh start" before each use. The self-leveling ability is due to the high molecular weight silicone quat ABIL® ME 45.

PHASE	INGREDIENTS	% W/W
A	ABIL® EM 97 S (Bis PEG/PPG-14/14 Dimethicone; Dimethicone)	2.00
	ABIL® Wax 9801 (Cetyl Dimethicone)	1.00
	Dow Corning 345 Fluid (Cyclopentasiloxane, Cyclohexasiloxane)	26.30
	Ethylhexyl Methoxycinnamate	2.00
	DC 9701 Cosmetic Powder (Dimethicone/Vinyl Dimethicone Crosspolymer (and) Silica)	1.00
	Xiameter PMX-200 (Dimethicone)	2.00
	B	Water
Glycerin		5.00
Butylene Glycol		5.00
Propylene Glycol		5.00
C	ABIL® ME 45 MB (Silicone Quaternium-22; Polyglyceryl-3 Caprate; Dipropylene Glycol; Cocamidopropyl Betaine)	20.00
	Dow Corning 345 Fluid (Cyclopentasiloxane, Cyclohexasiloxane)	5.00
D	Euxyl PE 9010 (Phenoxyethanol, Ethylhexylglycerin)	0.50

Processing

1. Mix DC 9701 and PMX-200. Add DC 345 and homogenize with high speed (13500 rpm for 2 minutes).
2. Prepare phase B and C separately. Add phase B into phase C. Stir well until uniform.
3. Heat phase A and phase B/C to approx. 75 °C.
4. Add phase B/C into phase A slowly while stirring (500 rpm, 2 minutes).
5. Homogenize at 1300 rpm for 2 minutes.
6. Cool down below 30 °C and add phase D while stirring.
7. Homogenize again (1200 rpm, 1 Minute).

Remarks

Viscosity [Brookfield RV DV-I, sp. 93, 10 rpm]: 87 Pas

Disclaimer:

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