

Leverkusen, 19.03.2014

**Cosmetic Formulation: Thermal protection serum with Silsoft AX-E
MMMD505**

	Weight-%	INCI	Ingredient / Trade Name	Function
A	ad 100	Aqua	Water	
	0,05	Disodium EDTA	Disodium EDTA ²	
	1	Cocamidopropyl Betaine	Dehyton K (30%) ³	Surfactant
	0,1	Hydrolyzed Keratin	Crotein K ⁴	Protein
	2	Synthetic Fluorphlogopite (and) Titanium Dioxide	SunSine Super Gold ⁵	Shine enhancer
B	4	Bis-Cetearyl Amodimethicone (and) Cetareth-7 (and) Cetareth-25	Silsoft AX-E (40%) ¹	Conditioning aid
	2	Sodium Polyacrylate (and) Isotridecyl Isononanoate (and) Trideceth-6	OptaSense RMA 110 ⁴	Emulsifier
	5	Cyclopentasiloxane	SF1202 ¹	Spreading agent
	1	Phenyl Trimethicone	SF1550 ¹	Shine enhancer
C	0,3	Perfum	Fragrance ⁶	Perfume
	1	Phenoxyethanol (and) Ethylhexylglycerin	Euxyl PE 9010 ⁷	Preservative

Procedure:

- 1) Mix all ingredients of A.
- 2) Mix all ingredients of B and add to A
- 3) Mix until homogeneous. Homogenize with Ultra Thurax for 1-2min (- 9500 rpm).
- 4) Add preservatives as desired and adjust pH to 5-6.

Suppliers:

¹ Momentive Performance Materials GmbH

² Fluka

³ BASF

⁴ Croda

⁵ SUN Chemical

⁶ Symrise

⁷ Schülke & Mayr

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