

Sun for Men

Sunscreen: Dry, powdery feel , Long lasting Protection, Non-greasy

Formulation 01069

ATTRIBUTES

Faster absorption
Moisturization
Non-tacky
Smooth Feel
SPF 29.3 (In vivo)
Dry, powdery feel
Long lasting Protection
Non-greasy

DOW CORNING® PRODUCTS

Dow Corning® 2-1184 FLUID
Dow Corning® 2501 COSMETIC WAX
Dow Corning® 7-3101 ELASTOMER BLEND HIP EMULSION
Dow Corning® 9509 E-POWDER SUSPENSION
Dow Corning® FA 4001 CM SILICONE ACRYLATE
Dow Corning® RM 2051 THICKENING AGENT

Ingredient	Wt. %	Trade Name/Supplier
Phase A		
1. Bis-PEG-18 Methyl Ether Dimethyl Silane	5	Dow Corning® 2501 COSMETIC WAX
2. Glycerin, butylene glycol, water, carbomer, polysorbate 20, palmitoyl pentapeptide-3	2	Matrixyl / Croda, Inc.
3. DMDM Hydantoin and Iodopropylnyl Butylcarbamate	0.1	Glydant Plus / Lonza
4. Water	26.3	
Phase B		
5. Dimethicone (and) Trisiloxane	10	Dow Corning® 2-1184 FLUID
6. Ethylhexyl Methoxycinnamate	5	Neo heliopan AV / Symrise
7. Octocrylene	7	Neo heliopan 303 / Symrise
8. Ehtylhexyl Salicilate	5	Neo Heliopan OS / Symrise
Phase C		
9. Rice oil	1.5	Beraoil V 1800 / Beraca - Grupo Sabara
10. BHT	0.1	BHT / Merck KGaA
11. Cyclopentasiloxane (and) Acrylates/ Polytrimethylsiloxymethacrylate Copolymer	10	Dow Corning® FA 4001 CM SILICONE ACRYLATE
Phase D		
12. Sodium Polyacrylate (and) Dimethicone (and) Cyclopentasiloxane (and) Trideceth-6 (and) PEG/PPG-18/18 Dimethicone	3	Dow Corning® RM 2051 THICKENING AGENT
Phase E		
13. Cyclopentasiloxane (and) Dimethicone Crosspolymer (and) Dimethicone (and) Laureth-23 (and) Laureth-4	20	Dow Corning® 7-3101 ELASTOMER BLEND HIP EMULSION

14. Dimethicone / Vinyl Dimethicone Crosspolymer (and) C12-14 Pareth-12	5	Dow Corning® 9509 E-POWDER SUSPENSION
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Phase F

15. Protetor Solar Masculino	0.3	Protetor Solar Masculino / Givaudan
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Procedure

1. Mix phase A ingredients until homogeneous.
2. In a separate vessel, blend phase B ingredients until uniform.
3. Add phase C ingredients one at a time to phase B.
4. Add phase D to phase A to form a gel.
5. Add the A/D mixture to the B/C mixture slowly with continuous mixing.
6. Add phase E ingredients one at a time to the batch and homogenize.
7. Add fragrance and mix well.

Variations

Alternative Dow Corning® Products have not been tested as of this printing.

Stability

Stable for at least 2 months at 45°C.

External Reference Material

No external references identified as of this printing.

Dow Corning® Application Patents

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