



Blue Light Filter Foundation - W/Si +O

The blue region of the visible spectrum called high-energy blue light is emitted by the sun and everyday household electronic devices, such as computer screens/tablets/smartphones/TVs, and also light bulbs. It can penetrate deeply within skin tissue, which has adverse effects on human skin cells. **FloraGLO™** behaves like a high energy visible blue light filter in this W/Si+O foundation where **Dow Corning® ES-5600 Silicone Glycerol Emulsifier** plays not only as a PEG-Free emulsifier, but also as high performance dispersant for pigments. Delivering a satin-like feel to customers who want a complete sensorial experience, **Dow Corning® 3901 Liquid Satin Blend** offers perceived lubricity. This durable foundation (thanks to **Dow Corning® FA 4002 ID Silicone Acrylate**) is comfortable to wear and uses **Bichroma Brown**, a brown lustrous powder with very elegant soft color and outstanding coverage.

 **UNIVAR®**
PERSONAL CARE

	Trade name	INCI name	Supplier	%
A	1 Dow Corning® 3901 Liquid Satin Blend	Dimethicone/Vinyl Dimethicone Crosspolymer (and) Dimethicone	Dow Corning / Univar*	5.00
	2 Xiameter® PMX 200 Silicone Fluid 2 cs	Dimethicone	Xiameter / Univar*	2.75
	3 Dow Corning® ES-5600 Silicone Glycerol Emulsifier	Cetyl Diglyceryl Tris(Trimethylsiloxy)silylethyl Dimethicone	Dow Corning / Univar*	5.00
	4 Dow Corning® FA 4002 ID Silicone Acrylate	Isododecane (and) Acrylates/ Polytrimethylsilyloxymethacrylate Copolymer	Dow Corning / Univar*	4.00
	5 Vida-Care SP-1	Ethylhexyl Methoxycinnamate	Lambson / Univar*	7.00
	6 Vida-Care SP-5	Ethylhexyl Salicylate	Lambson / Univar*	2.50
	7 Bentone Gel ISD V	Isododecane, Disteardimonium Hectorite, Propylene Carbonate	Elementis specialities	3.00
	8 FloraGLO™ Lutein 5% Topical Liquid in Safflower Oil	<i>Carthamus Tinctorius</i> (Safflower) Seed Oil (and) <i>Tagetes erecta</i> Flower Extract	Kemin / Univar*	0.10
	9 Henne SY149746	Parfum / Fragrance	Kao Fragrances / Univar*	0.30
10	Water (Aqua)	Univar*	QS	
B	11	Glycerin	Univar*	5.00
	12 Industrial Salt Unsieved	Sodium Chloride	Akzo Nobel / Univar*	1.00
	13 Kemidant L	DMDM Hydantoin	Akema / Univar*	0.50
C	14 Dow Corning® FZ-3196	Caprylyl Methicone	Dow Corning / Univar*	4.50
	15 Dow Corning® ES-5600 Silicone Glycerol Emulsifier	Cetyl Diglyceryl Tris(Trimethylsiloxy)silylethyl Dimethicone	Dow Corning / Univar*	0.50
	16 Unipure Red LC 381 HLC	CI 77381, Hydrogenated Lecithin	Sensient	0.45
	17 Unipure white LC 981 HLC	CI 77891, Hydrogenated Lecithin	Sensient	10.50
	18 Unipure Black LC 989 HLC	CI 77499, Hydrogenated Lecithin	Sensient	0.15
	19 Unipure Yellow LC182 HLC	CI 77492, Hydrogenated Lecithin	Sensient	4.00
D	20 Bichroma Brown (code: MBC-Br)	Bismuth Oxychloride and Mica and Iron Oxides and Magnesium Stearate	Impact Colors / Univar*	0.20

* Please contact your regional Univar sales representative to ensure that mentioned products are distributed in your country.

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Procedure (Cold Process)

1. Pre-mix Dow Corning® 3901 Liquid Satin Blend in Xiameter® fluid from phase A with gentle stirring until homogeneous.
2. Add to this blend the other ingredients of phase A in the order listed while stirring until homogeneous (use an Ultra Turrax to homogenize the Bentone until uniform).
3. Grind pigments and add them to silicone blend of phase C while mixing until uniform.
4. Add phase C to phase A.
5. Combine the ingredients of phase B while stirring until homogeneous.
6. Add phase B to A/C slowly.
7. Homogenize with high shear equipment (Ultra Turrax - 1 min/100 g).
8. Add phase D to A/B/C while mixing.

Stability

Stable at 2 months at room temperature and 40°C in glass packaging.

Comments

- Viscosity (spindle 3; 12 rpm; 1 min) = 5,475 cPs (65.7%)
- Fluid W/Si+O foundation inspired from "Fashionistas Colour W/Si+O" formula (ref. 200514.C(U) n*7) issued by Univar Personal Care
- Glass packaging is preferred. Indeed some yellowing effect is observed when stored in plastic pump (RT & 40°C)



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