

BB Cream No. 617

		Wt. %
A	VEEGUM® Ultra Magnesium Aluminum Silicate	1.50
	Water	59.62
	Propanediol (Zemea® Propanediol ¹)	5.00
	Disodium EDTA	0.20
	Panthenol and Propylene Glycol (D-Panthenol 50-P ²)	0.40
B	Iron Oxides (and) Microcrystalline Cellulose (C2-5 Yellow LLXLO ³)	0.40
	Iron Oxide (C.I. 77491) (and) Cellulose (C2-5 Red R-516L ³)	0.10
	Iron Oxide (C.I. 77499) (and) Cellulose (C2-5 Black BL-100 ³)	0.03
	Titanium Dioxide (and) Cellulose (and) Alumina (C2-5 TiO ₂ CR-50 ³)	3.50
C	Crambe Abyssinica Seed Oil (Fancor® Abyssinian Oil ⁴)	2.50
	Dimethicone (XIAMETER® PMX-200 Silicone Fluid 350cs ⁵)	1.00
	Polyglyceryl-3 distearate (Cremophor® GS 32 ²)	3.10
	Cetareth-25 (Cremophor® A 25 ²)	1.50
	Cetearyl Alcohol	3.00
	Glyceryl Stearate (and) PEG-100 Stearate (Arlacel®165 VEG ⁶)	2.00
	Ethyl Hexyl Methoxycinnamate (Neo Heliopan® AV ⁷)	7.50
Mica (Sericite GMS-4C ³)	3.00	
D	Mica (and) Titanium Dioxide (and) Ethylene/Methacrylate Copolymer (and) Isopropyl Titanium Triisostearate (SPC/KTZ Interval Gold-12 ³)	0.15
	Preservative	q.s.
E	Lactobacillus/Salix Alba Bark Ferment Filtrate (Prorevive BB Complex ⁸)	5.50
	Triethanolamine, 99%	q.s.

Procedure: While heating the water to 70-75°C, slowly add the **VEEGUM® Ultra** while agitating at maximum available shear. Mix until fully hydrated. Add the remaining Part A water phase ingredients. Combine the Part B ingredients, then add to Part A and mix until smooth. Maintain the water phase at 70-75°C. Combine the Part C, oil phase ingredients and heat to 70-75°C. Add the oil phase to the water phase with good agitation; mix until uniform. Switch to low shear mixing, then add the SPC/KTZ Interval Gold-12 (Part D). Cool while mixing to 30-35°C, then add the preservative followed by the Prorevive BB complex to the emulsion, mixing after each addition until uniform. Adjust as necessary to pH 6.0 ± 0.5 with triethanolamine.

RAW MATERIAL SUPPLIERS
¹DuPont Tate & Lyle Bio Products Company, LLC, Wilmington, DE

²BASF Corporation, Florham Park, NJ

³Kobo Products, Inc., South Plainfield, NJ

⁴Elementis Specialties, Hightstown, NJ

⁵Dow Corning Corporation, Midland, MI

⁶Croda, Inc., Edison, NJ

⁷Symrise, Teterboro, NJ

⁸Active Concepts, LLC, Lincolnton, NC

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