



All-Day-Long Concealer

Product Highlighted: **Floraesters® IPJ**



a **Cargill** company

This BB-type under-eye concealer provides superior, natural-looking, all-day coverage. Floraesters IPJ demonstrates amazing slip and spreadability to support smooth application with high coverage. The unique, dry emolliency of Floraesters IPJ offers an even and matte appearance while firming the skin. The excellent oxidative stability of Floraesters IPJ in the presence of iron oxides makes Floraesters IPJ the perfect botanically derived emollient for highly pigmented products.

Phase	Trade/Common Name	INCI Name	Manufacturer	%wt/wt
A.	Deionized Water	Water	-----	q.s.
B.	Carbowax® Sentry® PEG 400 NF, FCC Veegum® R Keltrol® CG-T	PEG-8 Magnesium Aluminum Silicate Xanthan Gum	The Dow Chemical Co. Vanderbilt Minerals, LLC CP Kelco	3.00 1.00 0.15
C.	Unipure® Red LC 381 Unipure® Yellow LC 182 Pur Oxy Black BC (34PC3190E) Titanium Dioxide (U.S.P.,C.T.F.A, Food Grade) (34PC0748) Tres BN® PUHP1109 RonaFlair® B-50	Iron Oxides Iron Oxides Iron Oxides Titanium Dioxide Boron Nitride Bismuth Oxychloride	Sensient Cosmetic Technologies Sensient Cosmetic Technologies DyStar DyStar Saint-Gobain Advanced Ceramics EMD Chemicals Inc.	0.27 0.89 0.18 8.55 0.50 1.80
D.	Floraesters IPJ Myritol® 312 Pelemol® IN-2 Lanette® 16 Triple Pressed Stearic Acid Myritol® PC Lexemul® 561 Vitamin E Acetate Vitamin A Palmitate	Isopropyl Jojobate (and) Jojoba Alcohol (and) Jojoba Esters Caprylic/Capric Triglyceride Isononyl Isononanoate Cetyl Alcohol Stearic Acid Propylene Glycol Dicaprylate/Dicaprate Glyceryl Stearate (and) PEG-100 Stearate Tocopheryl Acetate Retinyl Palmitate	Floratech BASF Corporation Phoenix Chemical, Inc. BASF Corporation Essential Ingredients BASF Corporation Inolex Essential Ingredients DSM Nutritional Products	5.00 5.00 6.00 0.60 3.00 3.50 2.00 0.10 0.01
E.	Deionized Water Tris Amino® 40%	Water Tromethamine	----- Angus Chemical Company	3.00 0.45
F.	DowSil® 9509 Silicone Elastomer Suspension	Dimethicone/Vinyl Dimethicone Crosspolymer (and) C12-14 Pareth-12	The Dow Chemical Co.	0.80
G.	Zemea® Propanediol TAPIOCA PURE Preservative ¹	Propanediol Tapioca Starch -----	DuPont Tate & Lyle BioProducts Nouryon -----	7.00 1.20 q.s.
Total				100.00

Mixing Procedure

- Heat Phase A to 75-80°C with moderate propeller agitation.
- In a separate vessel, mix all ingredients of Phase B.
- Add Phase B to Phase A at 75-80°C with moderate propeller agitation. Once the Keltrol CG-T is completely hydrated, switch to moderate homomixer agitation until uniform.
- Add the ingredients of Phase C to Phase AB in the order listed with rapid homomixer agitation. Continue mixing at 75-80°C with rapid homomixer agitation until all pigments are completely ground and the color appears uniform.
- In a separate vessel combine the ingredients of Phase D and heat to 75-80°C with moderate propeller agitation.
- Add Phase D to Phase ABC at 75-80°C with moderate homomixer agitation until uniform. Once uniform move Phase ABCD to moderate propeller agitation.
- In a separate vessel, mix the ingredients of Phase E and add to Phase ABCD at 75-80°C with moderate propeller agitation until uniform. Begin cooling.
- At 45-50°C add the ingredients of Phase F to Phase ABCDE with moderate propeller agitation.
- In a separate vessel, mix all ingredients of Phase G. At 45-50°C, add Phase G with moderate propeller agitation. Compensate for deionized water loss by weight. Continue mixing with moderate propeller agitation until the mixture reaches room temperature.

Typical Properties: **pH: 6 - 7**
Viscosity: 88 - 209kcP

¹ Preservative: euxyl® PE 9010 [INCI: Phenoxyethanol (and) Ethylhexylglycerin] supplied by Schülke Inc.

Note: The information herein is based on our research and the research of others and is believed to be accurate. No guarantee of accuracy is made and the products are provided without warranty, expressed or implied and upon condition that purchasers shall make their own tests to determine the suitability, stability or safety of such products for their particular purposes. Likewise, statements concerning the possible use of these products are not intended as recommendations to use these products in infringement of any patent or in the treatment, prevention, or cure of any medical condition. INCI/trade names must be verified with each manufacturer. (Cleared for Public Disclosure)