SW Treated Pigments

Hydrophilic Pigments for Effortless Water-Based Color

Advantages

Hydrophilicity & Dispersibility	Enhanced dispersibility in water which allows them to be easier to incorporate into aqueous and O/W systems
Enhanced Color	Improved pigment dispersion provides better color payoff
More Even Dispersion	Minimizes particle aggregation and clumping to ensure smoother, more even dispersion and visual consistency.

Product Name	INCI Name	Product Type
BTD-SW	*Titanium Dioxide (And) PEG-8 Methyl Ether Triethoxysilane*	Pigmentary TiO_2
BRO-HP8-SW2	*Iron Oxides (CI77491) (And) PEG-8 Methyl Ether Triethoxysilane*	Low Heavy Metal Red Iron Oxides
BYO-HP-SW2	*Iron Oxides (CI77492) (And) PEG-8 Methyl Ether Triethoxysilane*	Low Heavy Metal Yellow Iron Oxides
BBO-HP-SW2	*Iron Oxides (CI77499) (And) PEG-8 Methyl Ether Triethoxysilane*	Low Heavy Metal Black Iron Oxides

Performance

Pigment Flocculation Test:

A mix of 2% pigment in water are added to a jar.

SW treated pigments show enhanced dispersibility in water immediately and overtime as compared to an untreated pigment.

BRO-HP8-SW2

BEFORE SHAKING | JUST AFTER SHAKING | 5 HOURS AFTER SHAKING

KFL-370B

Velvet Radiance Eye Cream

Part 1

• Deionized Water	55.88%
• Zemea® - Du Pont & Tate: *Propanediol*	3.30%
• **EXCEBEADS™ CS-320** - Tokuyama Corp./Kobo Products: *Silica*	3.25%
• Symdiol 68 Green - Symrise: *1,2-Hexanediol (And) Caprylyl Glycol*	0.50%
• Symsave H - Symrise: *Hydroxyacetophenone*	0.50%
• **BTD-SW** - Kobo Products: *Titanium Dioxide (And) PEG-8 Methyl Ether Triethoxysilane*	0.35%
• **BYO-HP-SW2** - Kobo Products: *Iron Oxides (CI 77492) (And) PEG-8 Methyl Ether Triethoxysilane*	0.15%
• Dermofeel PA - BASF: Phytic Acid (and) Aqua	0.15%
• **BRO-HP8-SW2** - Kobo Products: *Iron Oxides (CI 77491) (And) PEG-8 Methyl Ether Triethoxysilane*	0.01%

Part 2

• Emulium® Delta - Gatefosse: *Cetyl Alcohol (and) Glyceryl Stearate (and) PEG-75 Stearate (and) Ceteth-20 (and) Steareth-20*	4.80%
• **SunBoost ATB** - Kobo Products: *Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol*	3.50%
• JeenCoconut Oil - Jeen Chemical: *Cocos Nucifera (Coconut) Oil*	3.25%

Part 3

• Xiameter PMX-200 Silicone Fluid 50CS - Dow Chemical: *Dimethicone*	4.50%
• COSMOL™ 525 - Ikeda: *Neopentyl Glycol Diethylhexanoate*	3.00%
• **CXG-1104** - Avantor/Kobo Products: *Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer*	3.00%

Part 4

• Glycerin U.S.P. F.C.C. 96% - Ruger Chemical: Glycerin	5.00%
• Cosmedia SP - BASF: Sodium Polyacrylate	0.29%
• AQUA KEEP 10SH-NF - Sumitomo Seika Co., Ltd.: *Sodium Acrylates Crosspolymer-2*	0.21%

Part 5

• Symlift - Symrise: *Water (Aqua) (and) Trehalose (and) Glycerin (and) Pentylene Glycol (and) Beta-Glucan (and) Hordeum Vulgare Seed Extract (and) Sodium Hyaluronate (and) 1,2-Hexanediol (and) Caprylyl Glycol*	5.00%
• **KTZ® BOLERO CROMATICO** - Kobo Products: *Titanium Dioxide (CI 77891) (And) Mica (And) Iron Oxides (CI 77491)*	2.00%

Part 6

• Deionized Water	1.00%

Manufacturing Procedure

1. Premix Part 1 in the main vessel. Heat Part 1 to 55-60°C.
2. Heat Part 2 ingredients to 55-60 C° until melted.
3. With fast propeller mixing, blend Part 3 ingredients together until the phase is smooth and uniform.
4. Add Parts 2 to Part 1 with moderate homogenization.
5. While cooling the batch, add Part 3 ingredients with moderate homogenization.
6. With fast speed mixing, add Makimousse to Glycerin (Part 4) and mix well until the phase is smooth and no lumps are evident.
7. With slow milling, cool the batch to 30-35°C.
8. With high speed homogenization, add contents of Part 4 to batch. Homogenize batch thoroughly until Part 5 is uniformly thickened into the system.
9. Add part 5 under prop mixing
10. Add sodium hydroxide from part 6 dropwise until pH = 7.00 (approx. 0.37%), add water from part 6 as needed

Description

This all-in-one eye cream provides a radiant/luminous look, helps to conceal blue/purple under-eye bags, and leaves skin feeling hydrated and healthy. This velvet radiance eye cream contains a complex to instantly reduce the appearance of fine lines and wrinkles and a preservative system that is microbiome friendly. EXCEBEADS™ CS-320 - Microplastic alternative offering a smooth and silky feel, and providing a soft-focus effect blurring fine lines & wrinkles. SW Treated Pigments - Hydrophilic pigments that demonstrate brighter colors and less surface activity. SunBoost ATB Natural - A blend of antioxidant, anti-irritant, and anti-inflammatory agents leaving a moisturized and conditioned feel to skin. COSMOL® 525 - For improved spreadability and an elegant after feel.