

Formulation Example

S 22-22 Metallic Hair Wax Platinum Crush

Ingredients	Art. No.	INCI EU (INCI US, if different)	[%]
A			
Timiron® Supersheen MP-1001	1.17201 (1)	MICA, CI 77891 (TITANIUM DIOXIDE)	25.00
Colorona® Patina Silver	1.17289 (1)	MICA, CI 77499 (IRON OXIDES), CI 77891 (TITANIUM DIOXIDE)	2.50
Colorona® Dark Blue	1.17324 (1)	MICA, CI 77891 (TITANIUM DIOXIDE), CI 77510 (FERRIC FERROCYANIDE)	1.00
Xirona® Le Rouge	1.17728 (1)	CI 77491 (IRON OXIDES), SILICA	0.60
B1			
Water, demineralized		AQUA (WATER)	28.75
1,2-Propanediol		PROPYLENE GLYCOL	1.80
Natrosol™ 250 HHR	(2)	HYDROXYETHYLCELLULOSE	0.50
PVP K-30	(2)	PVP	0.75
B2			
Microcare CPH	(3)	CHLORPHENESIN	0.10
C			
Xiameter® PMX-200 Silicone Fluid (100cs)	(4)	DIMETHICONE	15.00
Wax white		CERA ALBA (BEESWAX)	5.00
Antaron™ V-216	(2)	PVP/HEXADECENE COPOLYMER	3.00
KF-6028	(5)	PEG-9 POLYDIMETHYLSILOXYETHYL DIMETHICONE	1.00
D			
Belsil® CM 1000 Gum Blend	(6)	CYCLOPENTASILOXANE, DIMETHICONOL	15.00

Procedure:

Add Natrosol 250 HHR and 1,2-Propanediol in the water of phase B and stir until homogeneous. Add PVP K-30 and stir until homogeneous and heat phase B1 to 60°C while stirring and add phase B2. Heat phase B1/B2 to 80°C while stirring. Prepare and heat phase C to 80°C while stirring. Add slowly phase B1/B2 to phase C while vigorous stirring and homogenize, keep Temperature at 75-80°C. Cool down to 55-60°C while appropriate stirring, add slowly phase D and stir until homogeneous. Add slowly phase A and stir until homogeneous. Fill the bulk directly into suitable packaging.

Notes:

The bright metallic silver color of this hair wax is provided by mixing Timiron® Super Sheen MP-1001, Colorona® Patina Silver, Colorona® Dark Blue and Xirona® Le Rouge effect pigments. When applied on the hair, the sparkling platinum-like effect creates a sophisticated look. The product can be applied on the hair with hands.

Suppliers:

(1) Susonity Commercial GmbH, Germany and/or its affiliates

(2) Ashland Industries Europe GmbH

(4) Univar GmbH

(6) Wacker Chemie AG

(3) Thor Personal Care SAS

(5) DKSH GmbH

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