

Guide Formulation

Cream-to-powder solution with SIPERNAT® 11 PC*

SIPERNAT® 11 PC helps giving a natural look and a matte finish

PHASE	INGREDIENTS	INCI NAME	% W/W	FUNCTION	
1		Isodecyl neopentanoate	15.00	Emollient	
		Isopropyl palmitate	5.00	Emollient	
		Isocetyl stearyl stearate	15.50	Dispersing agent	
		Cera alba	4.10	Viscosity controlling	
		Carnauba acid wax	4.70	Viscosity controlling	
2		Talc, Theobroma cacao (cocoa) seed butter	8.00	Filler	
		Pigment white; CI77891	9.08	Pigments	
		Pigment yellow; CI 77492	1.60	Pigments	
		Pigment red; CI 77491	3.20	Pigments	
		Pigment black; CI 77499	3.82	Pigments	
3		Zea mays (corn) starch	12.00	Filler	
		Mica, Theobroma cacao (cocoa) seed butter	6.00	Spreadability enhancer	
		SIPERNAT® 11 PC	Hydrated silica	5.00	Sensory modifier
		Methyl methacrylate crosspolymer	2.00	Film former	
		Dimethicone, dimethicone/vinyl dimethicone crosspolymer	5.00	Viscosity controlling	
Total			100.00		

* developed by Azelis no. 1621.10

PROCESSING

- Heat phase 1 to 85 °C
- Pre-blend phase 2 until fully homogenous. Add phase 2 to phase 1
- Add phase 3 in order with high shear mixing ensuring the product is homogenous between each addition
- Maintain the temperature at 80 °C to allow the entrapped air to disappear
- Hot-pour into buckets and let cool down

Note: All formulations have been subjected to stability tests and have been shown to perform well. However, formulators should always perform their own stability tests when adapting formulations and / or using raw materials from other sources.

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