

Chewy Hair Putty

Create a textured effect with this hair putty, apply a pea sized amount to hair, scrunch in and style. Apply more as required for a perfectly dishevelled look.

Ingredients

Phase	Trade Name	INCI name	% w/w	Supplier
A	Shea Butter	Butyrospermum parkii (Shea) Butter	3.00	
A	Cocoa Butter	Theobroma Cacao (Cocoa) Seed Butter	1.50	
A	Glyceryl Stearate	Glyceryl Stearate	2.50	
A	Cetyl Alcohol	Cetyl Alcohol	2.50	
A	Sweet Almond Oil	Prunus Amygdalus Dulcis (Almond) Oil	4.00	
A	Mokaté® Kalahari Melon Seed Oil	Citrullus Vulgaris Seed Oil	2.00	African Origin Oils
A	Hempseed Oil	Cannabis sativa Seed Oil	2.00	
B	White Clay	Kaolin	20.00	
B	Instathix®	Xanthan Gum, Sodium Stearoyl Lactylate, Tapioca Starch, Algin	3.50	Alchemy Ingredients
C	Glycerine	Glycerine	10.00	
C	Water	Aqua	45.6	
C	Panthenol	Panthenol	0.20	Tri-K
D	Fragrance 'Mint'	Parfum	0.20	
D	Hemp Tein Z	Hydrolyzed Cannabis Sativa Seed Extract	1.00	Tri-K
D	Keraplant NPNF	Water, Hydrolyzed Wheat Protein, Hydrolyzed Soy Protein, Hydrolyzed Corn Protein	1.00	Tri-K
D	Euxyl® PE9010	Phenoxyethanol, Ethylhexylglycerin	1.00	Schülke & Mayr

Formulation Code: 072-21-00-00/1

Ingredient Benefits

Instathix®

- COSMOS Approved
- 100% Natural Origin (ISO 16128)
- PEG Free, vegan suitable and gluten free
- Very safe and mild formulation
- Easy to use powder blend with low use level (0.5 – 4%)
- 4-in-1 multi-functional ingredient - stabiliser, thickener, texture enhancer or as the sole emulsifying system
- Creates luxurious cream / gel translucent textures
- Satin matt appearance, mimicking silicone elastomer feel – can replace synthetic emulsifiers / polymers
- Can be used as an additive to enhance silky feel of creams

Method

- Heat oil phase until all waxes and butters have melted.
- Premix Instathix® and clay into oil phase by hand.
- Heat water phase to 70°C, add to oil phase and stir until homogeneous.
- Heat to 70°C and maintain temperature for 10 minutes.
- Homogenise for 3 minutes at 3500-5500 RPM.
- Cool under mixing, add phase D when temperature is below 40°C.

Characteristics

Stability

Stable for 3 weeks at 50°C and 3 months at 40°C

Appearance

Off-white putty

PH

6-7

Viscosity

Brookfield DV-E: T-D (94) @ 10 RPM & 20°C (±5 °C) = 90,000-130,000 cP

✓ Vegan

✓ Natural Origin

✓ PEG free

✓ Palm-oil free

Adapt the Formula

- Could be adapted as a face mask by changing actives
- Use a different colour clay
- Change oils and butters to suit the product

The formulation above is intended for information purposes only based on the best of our knowledge. It is the responsibility of the customer to undertake the appropriate testing to determine the suitability of the product for their intended use.