

Sorbet Hair Paste

- Light to medium hold control paste
- Soft paste with natural orange hue
- Create texture and style

Ingredient Trade Name	INCI Name	%
Phase A		
Deionized Water	Aqua	60.6
Pemulen TR-1 ²	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	0.1
Sodium Hydroxide	Sodium Hydroxide	0.3
Optiphen ³	Phenoxyethanol, Caprylyl Glycol	1.0
Zemea Propanediol ⁴	Propanediol	3.0
PVP K-90 ³	PVP	4.0
Colloidal Kaolin ³	Kaolin	2.0
Phase B		
Orange Wax ¹	Citrus Aurantis (Orange) Peel Wax	6.0
Bayberry Wax ¹	Myrica Cerifera (Bayberry) Wax	6.0
Kostol Natural E ¹	Behenyl Alcohol, Polyglyceryl-3 Stearate	5.0
Kester Wax K-60P ¹	Polyhydroxystearic Acid	3.0
Stearic Acid	Stearic Acid	3.0
Extra Virgin Olive Oil ⁵	Olea Europaea (Olive) Fruit Oil	6.0



Product	Function	About	% Usage	Natural
Orange Wax	Emollient	Emollient that provides a unique scent and color, adds interest to the label and energy in the formula.	0.5-10%	X
Bayberry Wax	Emollient, Thickener	Highly emollient, adds matte finish, and acts like a butter in most formulations.	0.5-15%	X
Kester Wax K-60P	Plasticizer	Natural plasticizer for film forming, increased stability and low to medium structure.	0.5-20%	X

PROCEDURE

- Begin heating water to 80 °C and add Phase A ingredients one by one, mixing each until uniform.
- Combine Phase B ingredients, and heat to 80 – 85 °C until melted.
- Add Phase B to Phase A under agitation and mix at high speed until emulsion is uniform.
- Check pH, adjust to ~7 if needed.
- Cool to 55 - 60 °C and pour into containers.

Looking for additional formulas? Try our Formula Selector Tool at: <https://www.kosterkeunen.com/pcformulationguide/>

Stability information: Three months at 45 °C, three months at room temperature, three freeze/thaw cycles.

Supplier information: 1. Koster Keunen, Inc.; 2. Lubrizol; 3. Brenntag Specialties; 4. DuPont; 5. Maroon Group.



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