# Hair Styling Paste

Formula# 11/18-592/202-1

Hair Care

Emulsion

Traditional Ingredients

## Features

- Provides medium hold, and low shine.
- Use to create a slicked back or textured look.
- Lanolin-free, sulfate-free formula.

## Formula

**Kester Wax CT**

Vegan wax blend designed to mimic the properties of lanolin wax. Thickener, film former, texturizer, thickener, emollient. Usage level 0.5-20%.

**Peg-8 Beeswax**

Beeswax derivative that increases compatibility with polar materials. Promotes creamy textures and spreadability in anhydrous systems. Co-emulsifier, stabilizer in emulsions. Usage level 1-10%.

**Kester Wax K-62**

Naturally derived wax ester of plant origin. High melt point solid wax, provides hard structure in anhydrous applications. Structurant. Usage level 1-20%.

| Trade Name | INCI Name | % |
|---|---|---|
| *Phase A* | | |
| Deionized Water | Aqua | 55.15 |
| Disodium EDTA | Disodium EDTA | 0.05 |
| Pemulan TR-1[2] | Acrylates/C10-30 Alkyl Acrylate Crosspolymer | 0.1 |
| Tealan 99[3] | Triethanolamine | 0.2 |
| PVP K-90[4] | PVP | 4.5 |
| Glycerin | Glycerin | 3.0 |
| Optiphen[4] | Phenoxyethanol, Caprylyl Glycol | 1.0 |
| *Phase B* | | |
| **Kester Wax CT[1]** | **C32-36 Isoalkyl Stearate, Polyhydroxystearic Acid, Stearyl Behenate, Cetearyl Alcohol, Polyglyceryl-3 Stearate, Polysorbate 60** | **18.0** |
| **Permulgin D[1]** | **Cetearyl Alcohol, Ceteareth-20** | **6.0** |
| **PEG-8 Besswax[1]** | **PEG-8 Beeswax** | **8.0** |
| **Kester Wax K-62[1]** | **Stearyl Behenate** | **4.0** |

## 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.
- Cool and pour into containers at 55-60 °C.

**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. Rita; 4. Brenntag Specialties.

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