

Cover Me in Sunshine (SPF Stick)

Formula # 2/26-258/421/358-1

Skin Care

Anhydrous

Traditional Ingredients

Sunscreen

Features

- Anhydrous sunscreen stick formulation
- Easy, glide on application with skin soothing ingredients
- Flexible chassis

Formula

Sunflower Wax

Natural wax with high melting point and excellent structuring capabilities. Increases stick structure and stability. Structurant. Usage 1-15%

Kester K-45

Light, non-greasy emollient derived from jojoba. Improves softness, spreadability, and after feel in leave-on formulas. Conditions skin and hair without buildup; adds glide, silkiness, and stability.

Beeswax

Natural wax produced by honeybees. Multifunctional; excels at making anhydrous formulas soft and pliable, making emulsions glossy, thick and with excellent pick up. Structurant, plasticizer, thickener

Trade Name	INCI Name	%
<i>Phase A</i>		
Sunflower Wax ¹	Helian Annuus (Sunflower) Seed Wax	18.0
Beeswax ¹	Beeswax	8.0
Kester Wax K-24 ¹	Lauryl Laurate	8.0
Kester K-45 ¹	Jojoba Esters	1.0
Parsol HMS ²	Homosalate	10.0
Parsol 340 ²	Octocrylene	10.0
Parsol 1789 ²	Butyl Methoxydibenzylmethane	3.0
Parsol EHS ²	Ethylhexyl Salicylate	5.0
Jeechem TN ³	C12-15 Alkyl Benzoate	10.0
Jeechem CTG ³	Caprylic/Capric Triglyceride	10.0
Solvience DDC ²	Dicaprylyl Carbonate	16.5
Vitamin E Acetate ⁴	Vitamin E Acetate	0.5

Procedure

- Combine all ingredients.
- Melt at 80-85 °C and mix until uniform, using sheer if necessary.
- Pour into molds around 85 °C
- Allow to cool to room temperature.

Stability Information:

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

Supplier Information:

1. Koster Keunen, Inc.; 2. DSM;3. Vantage; 4. BASF

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