

# Sunscreen Stick with HBTN65HP1 and HBTN55TIS

Formula KSL-171A



Kobo Products - formulations

| Part | Percent | Ingredients                  | INCI Name   | Supplier                 |
|------|---------|------------------------------|---|--------------------------|
| 1    | 29.84   | Unitolate 160K               | Caprylic/Capric Triglyceride  | Universal Preserv-A-Chem |
|      | 13.64   | HBTN55TIS                    | Butyloctyl Salicylate (And) Titanium Dioxide (And) Isostearic Acid (And) Aluminum Hydroxide (And) C12-15 Alkyl Benzoate | Kobo Products            |
|      | 11.00   | Ozokerite Wax White SP 1020P | Ozokerite   | Strahl & Pitsch, Inc.    |
|      | 9.00    | Jeechem ISIS                 | Isostearyl Isostearate  | Jeen International       |
|      | 7.22    | HBTN65HP1                    | Zinc Oxide (And) Butyloctyl Salicylate (And) C12-15 Alkyl Benzoate (And) Triethoxycaprylylsilane                        | Kobo Products            |
|      | 6.00    | Lanolin Technical Grade      | Lanolin   | RITA Corp.               |
|      | 5.50    | Candelilla Wax               | Euphorbia Cerifera (Candelilla) Wax   | Frank B. Ross            |
|      | 5.00    | Castor Oil                   | Ricinus Communis (Castor) Seed Oil  | Alzo International Inc.  |
|      | 4.50    | Carnauba Wax                 | Copernicia Cerifera (Carnauba) Wax  | Frank B. Ross            |
|      | 4.00    | Softisan® 100                | Hydrogenated Coco-Glycerides  | Condea Chemie            |
|      | 4.00    | Beeswax White SP 422P        | Beeswax   | Strahl & Pitsch, Inc.    |
|      | 0.30    | Vitamin E Acetate            | Tocopherol Acetate  | BASF                     |

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### Manufacturing Procedure

Add all ingredients together and heat to 70-80°C. Mix until all waxes are melted and pour into sticks at 78-80°C.

### Description

This stick applies smoothly and is convenient to use. This sunscreen uses Kobo's Zinc Oxide Dispersion, HBTN65HP1 and Titanium Dioxide Dispersion, HBTN55TIS, for UVA/UVB protection. The Butyloctyl Salicylate is a booster to help increase the SPF value.

### Notes

|                      |       |
|----------------------|-------|
| Active Ingredient(s) |       |
| Zinc Oxide           | 4.60% |
| Titanium Dioxide     | 6.00% |

SPF testing: in vivo on 3 subjects

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February, 2010

# KOBO

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# The Powder & Dispersion Specialist

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