

**Powdery Stick SPF50+**  
**2494-1.13**



**+ Targeted areas**

**+ Mineral filters**

**+ Powdery afterfeel**

| Phase | Name                       | INCI   | Supplier       | %            |
|-------|----------------------------|--|----------------|--------------|
| A     | CETIOL® C5                 | COCO-CAPRYLATE   | BASF           | 5.00         |
|       | LIPEX 102                  | BUTYROSPERMUM PARKII (SHEA) BUTTER   | AAK            | 3.50         |
|       | CETYL ALCOHOL              | CETYL ALCOHOL  | -              | 1.50         |
|       | <b>LIPOCIRE™ A SG</b>      | C10-18 TRIGLYCERIDES   | Gattefossé     | <b>12.00</b> |
|       | NOMCORT HKG                | GLYCERYL BEHENATE/EICOSADIOATE   | Nisshin Oillio | 5.00         |
|       | SISTERNA A10E-C            | SUCROSE TETRASTEARATE TRIACETATE   | Sisterna       | 7.00         |
|       | KAHLWAX 6279L              | MYRICA CERIFERA (BAYBERRY) FRUIT WAX   | Kahl           | 5.00         |
|       | <b>ACTICIRE® MB</b>        | JOJOBA ESTERS, HELIANTHUS ANNUUS (SUNFLOWER) SEED WAX, POLYGLYCERIN-3, ACACIA DECURRENS FLOWER WAX | Gattefossé     | <b>5.00</b>  |
| B1    | <b>EMULIUM® ILLUSTRO</b>   | POLYGLYCERYL-6 POLYHYDROXYSTEARATE, POLYGLYCERYL-6 POLYRICINOLEATE, POLYGLYCERIN-6                 | Gattefossé     | <b>2.00</b>  |
|       | CETIOL® C5                 | COCO-CAPRYLATE   | BASF           | 2.00         |
|       | ZINCLEAR® XP65 COCO        | ZINC OXIDE, COCO-CAPRYLATE/CAPRATE, POLYGLYCERYL-3 POLYRICINOLEATE, ISOSTEARIC ACID                | Antaria        | 14.00        |
|       | ZnO-C-NJE3                 | ZINC OXIDE, JOJOBA ESTERS  | Kobo           | 4.00         |
| B2    | CETIOL® C5                 | COCO-CAPRYLATE   | BASF           | 8.13         |
|       | SOLAVEIL HTP1 MBAL-PW-(MV) | TITANIUM DIOXIDE, STEARIC ACID, ALUMINA  | Croda          | 18.00        |
| B3    | UNIPURE YELLOW LC 182 HLC  | IRON OXIDES, HYDROGENATED LECITHIN   | Sensient       | 0.25         |
|       | UNIPURE RED LC 381 HLC     | IRON OXIDES, HYDROGENATED LECITHIN   | Sensient       | 0.12         |
| C     | VALVANCE TOUCH 210         | SILICA   | DSM            | 7.50         |
|       |                            |  |                | 100.00       |

## Operating instructions

- Heat A to 75°C until complete solubilization.
- Prepare B1 and heat to 60°C at least (for dispersion) and homogenize with ultra turrax for 6 min\*.
- Add B2 and homogenize with ultra turrax for 6 min\*.
- Add B (at least 60°C) to A (75°C) and homogenize with ultra turrax for 2 min\*.
- Add C and homogenize with ultra turrax for 2 min\*.
- Pour at about 60°C.

\*Duration is batch volume-dependant

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### Description

Some body areas are particularly prone to UV damage and deserve a foolproof sun protection: nose, cheekbones, scars, tattoos... This anhydrous sun stick is ideal due to its targeted application and its SPF50+. Once applied, it leaves a dry and powdery finish.

### Specifications

- + Aspect:  
Pink mat stick
- + 98% natural origin (ISO 16128)
- + Conform to worldwide regulations  
SPF *in vitro*: 100  
SPF *in vivo* (ISO 24444): 60.6 (5 subjects)  
UVA *in vitro*: on going

### Ingredients

- Cetiol® C5 and Lipex 102 are emollients which improve spreadability and bring a soft feel.
- Cetyl Alcohol, **Lipocire™ A SG** and Kahlwax 6279L are thickening agents that improve viscosity of the product.
- Nomcort HKG is an oil gelling agent that improves stability.
- Sistrina A10E-C is used to reduce exsudation and recrystallization.
- **Acticire® MB** is an active texturizing agent that helps to improve spreadability and comfort.
- **Emulium® Illustro** at 2% is a W/O emulsifier that helps to improve stability of the product. It is also used for its mineral filters dispersing properties.
- Zinclair® XP65 Coco, ZnO-C-NJE3 and Solaveil HTP1 MBAL-PW-(MV) are mineral UV filters.
- Valvance Touch 210 is a powder that brings a dry and powdery afterfeel.