

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
	LIPOCIRE™ A SG	C10-18 TRIGLYCERIDES	Gattefossé	12.00
	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
	ACTICIRE® MB	JOJOBA ESTERS, HELIANTHUS ANNUUS (SUNFLOWER) SEED WAX, POLYGLYCERIN-3, ACACIA DECURRENS FLOWER WAX	Gattefossé	5.00
B1	EMULIUM® ILLUSTR0	POLYGLYCERYL-6 POLYHYDROXYSTEARATE, POLYGLYCERYL-6 POLYRICINOLEATE, POLYGLYCERIN-6	Gattefossé	2.00
	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

Powdery Stick SPF50+ 2494-1.13



+ Targeted areas

+ Mineral filters

+ Powdery afterfeel

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)

+ SPF *in vivo* (ISO 24444:2019): 60.6 (5 vol.)
UVA *in vitro* (ISO 24443:2021): 16.3
Critical wavelength (ISO 24443:2021) : 378nm

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.