



InvisiGlide Sunscreen Stick SPF 40 (SunS-001)

A dramatic improvement over old sunscreen stick technology, this formulation glides on smoothly and transparently with none of the traditional waxy, whitening residue. This stick features strong stability and efficient broad spectrum protection, requiring only 20% zinc oxide actives to achieve SPF 40.

OleoFLEX are film forming elastomeric texturizers for natural oils. They increase water resistance and lock the UV actives and natural oils onto the skin.

G-Block products are COSMOS, NPA approved, high active mineral UV filter dispersions which give predictable SPF and broad-spectrum benefits. Their excellent spreadability simplifies formulation development and the manufacturing process.

Specifications

- 🍏 SPF:40, FDA protocol, 1 subject
- 🍏 CW: 370 nm, broad spectrum
- 🍏 50°C oven: 1 month stable
- 🍏 Freeze-Thaw: Passed 3 cycles

Processing Method

1. Mix Phase A with a propeller at 90 Celsius for 15 minutes.
2. Reduce temperature to 80 Celsius. Then add Phase B and mix for 1 - 2 minutes.
3. Pour into mould and allow it to solidify.

PHASE	INCI NAME (TRADE NAME)	USAGE (WT%)
A	Cocos Nucifera (Coconut) Oil	5.00
	Shea Butter	6.00
	Isostearyl Isostearate	12.0
	Caprylic Capric Triglycerides	5.50
	G-Block DZ 370 CCT	29.0
	OleoFlex FG 100	8.50
	OleoFlex EG 200	4.00
	Polyethylene (Performalene 400)	3.00
	Refined Candelilla Wax	3.00
	Ozokerite wax 77W	8.00
	Microcrystalline Wax	5.50
B	Beeswax	3.00
	Phenoxyethanol and Ethylhexylglycerin (Euxy1 PE 9010)	0.50
	Isododecane	7.00

Create Possibilities

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