

VERSASTIQUE™ SUNCARE

VERSASUN LM

PRODUCT FORMULARY

The VersaSun stick formulation combines Versastique and mineral sunscreen agents for an even and protective application that goes on smoothly.

FORMULATION

VersaSun LM (VS-LM)

PHASE	TRADE/COMMON NAME	WT%	FUNCTION
A	Versastique Low Melt ME 5T	52.9%	Base
A	Sunflower Wax Granules	10.0%	Structurant
B	Dispersun OL-100	2.5%	Dispersant
C	Z-Cote HP1*	21.6%	Sunscreen agent
D	Hallbrite® BHB	5.0%	SPF Booster + Dispersant
D	SunSpheres™ Powder	2.0%	SPF Booster
D	Cosmedia® DC	2.0%	Water-proofing agent
D	Vitamin E	1.0%	Antioxidant
D	LexFeel™ Natural	2.0%	Skin-feel modifier
D	Valvance® Touch	1.0%	Skin-feel modifier

*Products in **bold** are supplied by Calumet Specialty Products Partners, L.P.

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MIXING INSTRUCTIONS

- Melt Phase A components at approximately 220 °F.
- Add Phase B to Melted Phase A and mix at 220 °F for 15 minutes.
- Add Phase C to the blend and mix at 220 °F for 30 minutes.
- Add Phase D components to blend and mix at 220 °F for 2 hours.
- Pour blend into sample containers and allow to cool.