



# Versastique<sup>TM</sup>

by *penreco*<sup>®</sup>

## No Mess Clear Sunscreen Stick



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### PRODUCTS

*\* This formulation is for experimental use only. User assumes all risks.*

Raw Material	Composition	% w/w	Supplier
<b>PHASE 1</b>			
Versastique™ Clear ME 5T	Hydrogenated Polyisobutene, Butyl Stearate, Isostearyl Alcohol, Hydrogenated Styrene/Butadiene Copolymer, Octyl Dodecanol, Dibutyl Lauroyl Glutamide, Dibutyl Ethylhexanol Glutamide, Pentaerythrityl Tetra-Di-t-Butyl Hydroxyhydrocinnamate	71.3	Penreco/Glenn
<b>PHASE 2</b>			
Hallbrite® BHB	Butyloctyl Salicylate	5.0	Hallstar/Glenn
Tegosoft® AC	Isoamyl Cocoate	2.0	Evonik/Glenn
Tegosoft® SH	Stearyl Heptanoate	10.0	Evonik/Glenn
Polycrylene®	Polyester-8	0.1	Hallstar/Glenn
Parsol HMS	Homosalate	10.0	DSM
Geogard® LSA	Butylene Glycol (and) Benzyl Alcohol (and) Sorbic Acid (and) Caprylic/Capric Triglyceride (and) Lauryl Alcohol (and) Myristyl Alcohol	1.5	Lonza/Glenn
Rain Forest A3810 (Organic Refined Buriti Oil)	Mauritia Flexuosa Fruit Oil, Tocopherol	0.1	Beraca/Glenn

### MAKING PROCEDURE:

Add Phase 1 and heat to 120 °C while mixing.

Slowly add Phase 2 ingredients in the order listed, mixing well in between additions. Make sure temperature stays 110-120 °C and mix until uniform.

Pour molten mixture into packaging at temperature and allow to cool in packaging.

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