

penreco[®]

Versagel[®] S 1000 T
for Sun Protection

A matte sunscreen,
with a unique dry skin feel

Mattescree

PRODUCTS

Raw Material	Composition	% w/w	Supplier
PHASE A			
COSMACOL EBI	C12-15 Alkyl Benzoate	10.00	Sasol
EUSOLEX T-AVO	Titanium Dioxide, Silica	3.30	Merck
EUSOLEX OCR	Octocrylene	11.00	Merck
EUSOLEX 9020	Butyl Methoxydibenzoylmethane	2.75	Merck
EUSOLEX 4360	Benzophenone-3	2.75	Merck
OXYNEX ST-LIQUID	Diethylhexyl Syringlidenemalonate, Caprylic / Capric Triglyceride	0.50	Merck
BLANOVA MULS ECO 77	Glyceryl Stearate Citrate, Glyceryl Stearate	3.00	Azelis
VERSAGEL S 1000 T	Hydrogenated Polyisobutene, Butyl Stearate, Isostearyl Alcohol, Butylene/Ethylene/Styrene Copolymer, Ethylene/Propylene/Styrene Copolymer, Dibutyl Lauroyl Glutamide, Pentaerythrityl tetra-di-t-butyl hydroxyhydrocinnamate	5.00	Penreco
PHASE B			
BRB DM 5	Dimethicone	14.00	BRB
RHEOPEARL HC	Dextrin Palmitate	5.00	Chiba Flour Milling Co
PHASE C			
DEIONISED WATER	Aqua	29.60	
KELTROL CG RD	Xanthan Gum	1.00	CP Kelco
PHASE D			
PHENOXYETHANOL	Phenoxyethanol	1.00	Sharon
DRYFLO TS	Tapioca Starch, Polymethylsilsequioxane, Aqua	10.00	Akzo Nobel
COLORONA PRECIOUS GOLD	Mica, C.I. 77891, Silica, C.I. 77491, Tin Oxide	1.00	Merck
WATERY MELON 129	Perfume	0.10	IFF

MIXING INSTRUCTIONS

- Heat phase A to 80°C.
- Heat phase B to 80°C.
- Add phase B to phase A.
- Premix phase C and heat to 80°C.
- Add phase A/B to phase C with high shear mixing.
- Cool with stirring to 40°C.
- Add phase D in order, mixing until homogenous between each addition.

Formulation developed by and printed with permission from Azelis, the Calumet Penreco distributor of Versagel® products in Europe. For questions regarding Azelis formulations, contact Azelis at 0044 (0) 1992 825555. Calumet Penreco product sales are subject to the applicable terms and conditions. © 2016 Calumet Specialty Products Partners, L.P. Rev 03.16

