



Reference Formula

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全化學性防曬棒SPF50+★★★

EP-CC-F-0069A_V1

FORMULA

Phase	Ingredient (Trade Name)	Ingredient (INCI Name)	% By Weight	Function
O	ERCAREL G 20¹⁴	Octyldodecanol	28.10%	Emollient
	Performalene™ 400	Polyethylene	8.00%	Thickener
	Polyethylene⁹			
	Performalene™ 700 EP⁹	Ethylene/Propylene Copolymer	8.00%	Thickener
	Performacol™ 425 Alcohol⁹	C20-40 Alcohols	6.00%	Thickener
	ERCAREL AB¹⁴	C12-C15 Alkyl Benzoate	10.00%	Emollient
	2-EHP	2-Ethylhexyl Palmitate	8.00%	Emollient
	Performa V™ 343 Polymer⁹	Synthetic Wax	0.50%	Emollient
	ERCAREL TCC V¹⁴	Caprylic/Capric Triglyceride	12.00%	Emollient
	P.P	Propyl Paraben	0.20%	Preservative
A	Parsol HMS²	Homosalate	3.00%	UV Filer Agent
	Parsol 340²	Octocrylene	3.00%	UV Filer Agent
	Parsol MCX²	Ethylhexyl Methoxycinnamate	5.00%	UV Filer Agent
	PARSOL® Shield²	Bis-Ethylhexyloxyphen ol Methoxyphenyl Triazine	2.80%	UV Filer Agent
B	9576 Smooth Away Elastomer¹	Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer (and) Dimethicone Crosspolymer (and) Beeswax (and) Silica (and) Silica Silylate	3.00%	Skin feel modifiers
	dl-α-Tocopheryl Acetate²	Tocopheryl Acetate	0.50%	Anti-oxidant
	VALVANCE™ Touch 210²	Silica	1.90%	Skin feel modifiers

Suppliers: 1. Dow Chemical; 2. DSM; 9. New Phase Technologies; 14. ErcaWilmar.

Recommendations contained, herein this Reference Formula, are advisory only.

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PROCEDURE

1. Prepare Phase O by heating to 100°C until melting.
2. Mix Phase O and cool down to 90°C.
3. Premix Phase A and add to Phase O.
4. Heat and mix Phase O+A.
5. Cool down to 50°C, add and mix Phase B one by one.
6. Packing.

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