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"1000 Minutes of Colour®" (Beige)

Transformation type formulation, which appears white when dispensed, but develops colour when applied onto the skin. Coloursphere® composite colourants work together with Creasperse® UV-dispersion to create this transformation upon application and the Creasperse® UV-dispersion offers SPF and high UVA-protection at the same time. Creasil® IH CG is suitable lightweight emollient for a foundation as it is photostable material. Creaspheres® PMMA WL 6 and Novatext® Velvet is added to improve application qualities and to bring mattness and smoothness to the finished application. BNPoly® UV Crystals boost the UV protection of the formulation and create ceramic effect upon application.

Ingredients	INCI Name	Qty%	Supplier
Phase A			
	Cetyl Dimethicone Copolyol	1,75	
	Lauryl PEG/PPG-18/18 Methicone	0,88	
Hectone® DF	Hydrogenated Polyisobutene (and) Disteardimonium Hectorite (and) Propylene Carbonate	9,36	1)
	Dimethicone	2,19	
Creasil® IH CG	Isohexadecane	8,75	1)
Meadowfoam Seed Oil®	Limnanthes Alba (Meadowfoam) Seed Oil	2,63	1)
	Cetyl Dimethicone	1,75	
Phase B			
	Water	q.s.	
	Glycerin	5,25	
	Butylene Glycol	2,63	
	PEG-400	2,63	
	Sodium Chloride	0,88	
	Disodium EDTA	0,04	
	Chlorphenesin	0,18	
Phase C			
Creaspheres® PMMA WL 6	Methyl Methacrylate Crosspolymer	2,63	1)
Phase D			
Novatext® Velvet	Hydrogenated Polyisobutene (and) Polymethylsilsesquioxane (and) Vinyl Dimethicone/Methicone Silsesquioxane Crosspolymer (and) Ethylene/Propylene Copolymer	4,37	1)
BNPoly® UV Crystal TR 22	Boron Nitride (and) Titanium Dioxide (and) Dimethicone (and) Isododecane (and) Ethylene/VA Copolymer	1,75	1)
Phase E			
Coloursphere® WL 10 Yellow HL	Iron Oxides (and) Styrene/Acrylates Copolymer (and) PEG 26 – PPG 30 Phosphate	0,96	1)
Coloursphere® WL 10 White HL	Titanium Dioxide (and) Styrene/Acrylates Copolymer (and) PEG 26-PPG 30 Phosphate	0,27	1)
Coloursphere® WL 10 Red HL	Iron Oxides (and) Styrene/Acrylates Copolymer (and) PEG 26 – PPG 30 Phosphate	0,45	1)
Phase F			
Creasperse® TR 35 AF 65	Titanium Dioxide (and) Hydrogenated Polydecene (and) Hydroxystearic Acid	26,25	1)
	Perfume	0,35	

Procedure:

1. Heat up separately phase A and phase B to temperature of 70-75°C and keep under agitation until homogeneous.
2. Add phase B into phase A and homogenize (6000rpm) for 5 minutes. Let cool down to temperature below 35°C.
3. Add phases C and D into the mixture (A+B) and homogenize (6000rpm) for 1 minute.
4. Add phase E into the mixture (A+B+C+D) and mix slowly until evenly distributed. Do not homogenize.
6. Add phase F into the mixture (A+B+C+D+E) and keep under slow agitation until even colour is created. Do not homogenize.
7. Adjust the pH value to 5,30 – 5,70.

Suppliers:

1) CIT SARL

Testing:
SPF in vitro: 50,5 **UVA Ratio: 0,65** **Star Category: ***** **Critical Wavelength: 378 nm**