

Micapoly® Foundation

Amazingly soft foundation with mat natural skin feel. Based on soft Micapoly® UV Crystals which give light SPF but high UVA protection for day care applications. Creasperse® colour dispersions are easy to use and allow an even colour development. Biomethics® Emulsifier has good skin compatibility and it does not disrupt skin's own barrier as traditional emulsifiers do. Hectone® DF is thickener and prevents the sedimentation of pigments. Dedraflow® 5 and Alphaflow® are hypoallergenic emollients which bring emolliency and lubricity. Dedraflow® 5 is also volatile and used as replacement to cyclomethicone. Creabase® NTL 80 adds colour adherence and stability to the formulation. Creasil® products enhance the application qualities. Non-oxydizing Meadowfoam Seed Oil brings skin care benefits together with Creanatural® BioCollagen which works as moisture retaining film former. Siltext® products reduce any tackiness in the formulation and give smooth mat finish. Nylonpoly® and Creaspheres® PMMA are texturizing agents and Creaspheres® PMMA bring also light diffusing properties.

Ingredients	INCI Name	Qty%	Supplier
Phase A			
Biomethics® Emulsifier Solanum W/O	Solanum Tuberosum (Potato) Starch (and) Helianthus Annuus (Sunflower) Seed Oil (and) Hydrogenated Lecithin (and) Helianthus Annuus (Sunflower) Wax (and) Limnanthes Alba (Meadowfoam) Seed Oil (and) Xanthan Gum (and) Phenoxyethanol	4,00	1)
Hectone® DF	Hydrogenated Polyisobutene (and) Distearidimonium Hectorite (and) Propylene Carbonate	7,00	1)
Dedraflow® 5	Hydrogenated Polyisobutene	8,00	1)
Creasil® ID CG	Isododecane Tocopherol Acetate	0,50	
Meadowfoam Seed Oil®	Limnanthes Alba (Meadowfoam) Seed Oil	1,00	1)
Alphaflow® 30	Hydrogenated Polydecene Phenoxyethanol	3,00 0,50	1)
Creabase® NTL 80	Hydrogenated Polydecene (and) Polyethylene (and) Isohexadecane	1,00	1)
Phase B			
Creagel® MS	Water Glyceryl Polymethacrylate (and) Propylene Glycol Xanthan Gum Disodium EDTA Chlorphenesin	q.s 5,00 0,20 0,10 0,20	1)
Phase C			
Creasil® 7 ID	Isododecane (and) Dimethicone (and) Polyethacrylate	4,00	1)
Siltext® Mat	Hydrogenated Polyisobutene (and) Dimethicone Crosspolymer	2,00	1)
Siltext® Velvet	Hydrogenated Polyisobutene (and) Dimethicone (and) Polyethylacrylate Parfum	2,00	1)
Phase D			
Creanatural® BioCollagen	Water (and) Glycerine (and) Butylene Glycol (and) Zea Mays (Corn) Starch (and) Natto Gum (and) Citric Acid (and) Chlorphenesin	5,00	1)
Phase E			
Nylonpoly® WL10 AF	Nylon-12 (and) Hydrogenated Polydecene	6,00	1)
Creasperse® White R	Titanium Dioxide (and) Hydrogenated Polydecene (and) Hydroxystearic Acid	6,00	1)
Creaspheres® PMMA WL 6	Methyl Methacrylate CrossPolymer	6,00	1)
Creasperse® Yellow	Iron Oxides (and) Hydrogenated Polydecene (and) Hydroxystearic Acid	1,80	1)
Creasperse® Red	Iron Oxides (and) Hydrogenated Polydecene (and) Hydroxystearic Acid	0,18	1)
Phase F			
Micapoly® UV Crystal TR 22	Mica (and) Titanium Dioxide (and) Cyclomethicone (and) Dimethicone (and) Isododecane (and) Ethylene/VA Copolymer	4,00	1)

SPF in vitro: 10,8

UVA Ratio: 0,75

Star Category: ***

Critical Wavelength: 385nm



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Procedure:

1. Heat up phase A to temperature of 70° C - 75° C and stir at the speed of 600-800rpm until homogenous.
2. Heat up phase B to temperature of 70° C - 75° C and stir at the speed of 600-800rpm until homogenous.
3. Add phase B into phase A under strong agitation (1000-1200rpm) and keep heated for 15 minutes.
4. Homogenize (6000rpm) the mixture (A+B) for 5 minutes.
5. Let the mixture (A+B) cool down under agitation (500-600rpm) to temperature below 35° C.
5. Add phase C, D and E and stir until homogenous.
6. Homogenize(6000rpm) for 2-3 minutes.
7. Add phase F into the mixture (A+B+C+D+E) and homogenize (6000rpm) for 2-3 minutes.

NOTE: Please note that sufficient preservative system needs to be used, we do not guarantee microbiological stability.

Suppliers:

- 1) CIT SARL/COSMO CHEM SARL

Note: Information contained in this technical literature is believed to be accurate and is offered in good faith for the benefit of the consumer. The company, however, cannot assume any liability or risk involved in the use of its formulations or chemical products, since the conditions of the use are beyond our control. Statements concerning the possible use of our products are not intended as recommendations to use products in the infringement of any patent. The information is for industrial and research use only. These formulations are not tested. We make no warranty of any kind, expressed or implied.



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