

Fluid Foundation

Foundation

Formulation 01410



Attributes

Smooth After Feel

Matte Appearance/Effect

Low Viscosity

Components

Phase	Order	Ingredient	INCI Name	Wt%	Supplier	Trade Name
A		DOWSIL™ ES-5612 Formulation Aid	PEG-10 Dimethicone	8		
A		DOWSIL™ FZ-3196 Fluid	Caprylyl Methicone	7.57		
A		DOWSIL™ 5200 Formulation Aid	Lauryl PEG/PPG-18/18 Methicone	0.8		
A		DOWSIL™ VM-2270 Aerogel Fine Particles	Silica Silylate	0.3		
A		XIAMETER™ PMX-200 Silicone Fluid 5 cSt	Dimethicone	7.57		
B		Water	Water	51		
B		Glycerin	Glycerin	5		
B		Phenoxyethanol (and) Ethylhexylglycerin	Phenoxyethanol (and) Ethylhexylglycerin	1		
B		Sodium Chloride	Sodium Chloride	1		
C		C.I. 77891 (and) Dimethicone	C.I. 77891 (and) Dimethicone	9.66		
C		Yellow Iron Oxide (and) Dimethicone	Yellow Iron Oxide (and) Dimethicone	1.81		
C		Red Iron Oxide (and) Dimethicone	Red Iron Oxide (and) Dimethicone	0.42		
C		Black Iron Oxide (and) Dimethicone	Black Iron Oxide (and) Dimethicone	0.12		
C		DOWSIL™ FZ-3196 Fluid	Caprylyl Methicone	5.45		
D		Fragrance	Fragrance	0.3		

Procedure

Step	Process
1	Prepare a pigment premix by blending phase C ingredients and homogenize until a uniform color is obtained with three roll-mill.
2	Mix ingredients of phase B together.
3	Slowly add phase B into phase (A+C) while increasing speed mixing (800 to 1100 rpm).
4	Increase mixing speed little by little while adding phase B.
5	Mix ingredients of phase A and C together until homogeneous.
6	When all phase B is added, add phase D under mixing.
7	Mix for an additional 5 minutes at 2000 rpm.

Stability

Stable for at least 2 months at room temperature and 40°C.

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