

# Smooth Fit

## Blemish Balm (BB Cream)

Formulation 01751



### Attributes

Contains Sunscreen (not tested for efficacy)  
Soft Cream  
W-in-Si Cream

### Components

Phase	Order	Ingredient	INCI Name	Wt%	Supplier	Trade Name
A		DOWSIL™ ES-5612 Formulation Aid	PEG-10 Dimethicone	4		
A		DOWSIL™ 9041 Silicone Elastomer Blend	Dimethicone (and) Dimethicone Crosspolymer	5		
A		Titanium Dioxide (and) Alumina (and) Stearic Acid	Titanium Dioxide (and) Alumina (and) Stearic Acid	10		
A		Aluminium Starch Octenylsuccinate	Aluminium Starch Octenylsuccinate	3		
A		Fragrance	Fragrance	0.3		
A		Polysorbate-20	Polysorbate-20	1		
A		DOWSIL™ FZ-3196 Fluid	Caprylyl Methicone	12		
B		Water	Water	55.72		
B		Sodium Chloride	Sodium Chloride	1		
B		Propylene Glycol	Propylene Glycol	3		
B		VERSENE™ Na2 Crystal Chelating Agent	Disodium EDTA	0.2		
C		DOWSIL™ 5562 Carbinol Fluid	Bis-Hydroxyethoxypropyl Dimethicone	3		
C		Unipure Black LC 989 AS-EM	C.I. 77499 (and) Triethoxycaprylylsilane	0.001		
C		Unipure Red LC 381 AS-EM	CI 77491 (and) Triethoxycaprylylsilane	0.03		
C		Unipure Yellow LC 182 AS-EM	C.I. 77492 (and) Triethoxycaprylylsilane	0.05		
C		UNIPURE WHITE LC981	CI 77891 and triethoxycaprylylsilane	1		
D		Mica (and) Titanium Dioxide	Mica (and) Titanium Dioxide	0.2		
E		Phenoxyethanol (and) Methylisothiazolinone	Phenoxyethanol (and) Methylisothiazolinone	0.5		

# Procedure

Step	Process
1	Mix Phase A ingredients together using sufficient agitation to obtain a homogeneous mixture.
2	Prepare phase C: mix pigments into silicone using high shear to ensure uniformity.
3	Mix phase A with phase C (pigment mix).
4	Add phase B to phase A slowly with turbulent mixing at 1300 rpm using dual blade configuration.
5	Continue mixing for 10 min at 1500 rpm.
6	Pass through a Silverson (1 min/100 g).
7	Mix ingredients of phase B together.
8	Add phase D and mix.

## Stability

Stable for at least 10 months at room temperature and 40°C.

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