

Skin-Fusing Soft Glow Cushion

Formula composition:

GDS260916FD-1

No.	Phase	Trade name	INCI	%	Supplier	Note
1	A	KF6048	CETYL PEG/PPG-10/1 DIMETHICONE	1.50		Emulsifier
2		KF6017	PEG-10 DIMETHICONE	2.40		Emulsifier
3		KF995	CYCLOPENTASILOXANE	9.75		Emollient
4		DISM	DIISOSTEARYL MALATE	0.70		Emollient
5		GDSOft 556	PHENYL TRIMETHICONE	1.00	GREENZN	Emollient
6		SF-906(5)	DIMETHICONE	3.50		Emollient
7	B	GDResin 850C	CYCLOPENTASILOXANE, TRIMETHYLSILOXYSILICATE	10.00	GREENZN	Film-former
8		GDResin EB-200	BIS-HYDROXYETHOXYPROPYL DIMETHICONE/IPDI COPOLYMER ETHYLCARBAMATE, DIMETHICONE, TRIMETHYLSILOXYSILICATE	0.50	GREENZN	Film-former
9		GDSOft 721	DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER, DIMETHICONE	2.00	GREENZN	Emollient
10		GDPearl PQ 05	POLYMETHYLSILSESQUIOXANE	1.00	GREENZN	Filler
11		R974	SILICA DIMETHYL SILYLATE	0.70		Anti-caking Agent

Disclaimer:

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No.	Phase	Trade name	INCI	%	Supplier	Note
12	B	BARENATE BENTONE GEL	ISONONYL ISONONANOATE, BENTONITE, PROPYLENE CARBONATE	4.00		Thickener
13	C	KF-6106	POLYGLYCERYL-3 POLYDIMETHYLSILOXYETHYL DIMETHICONE	0.25		Pigment Dispersant
14		KF995	CYCLOPENTASILOXANE	3.50		Emollient
15		GDPearl EM 05AS	MICA, TRIETHOXYCAPRYLYLSILANE	0.70	GREENZN	Filler
16		GDPearl TR-586AS	CI 77891, ALUMINUM HYDROXIDE, TRIETHOXYCAPRYLYLSILANE	8.00	GREENZN	Colorant
17		GDPearl IY 32AS	CI 77492, TRIETHOXYCAPRYLYLSILANE	1.00		Colorant
18		GDPearl IR 75AS	CI 77491, TRIETHOXYCAPRYLYLSILANE	0.20		Colorant
19		GDPearl IB 33AS	CI 77499, TRIETHOXYCAPRYLYLSILANE	0.10		Colorant
20	D	Water	WATER	39.65		Solvent
21		Butylene Glycol	BUTYLENE GLYCOL	5.00		Humectant
22		Glycerin	GLYCERIN	3.00		Humectant
23		Xanthan Gum	XANTHAN GUM	0.05		Thickener
24		CPS	CHLORPHENESIN	0.10		Preservative
25		Sodium Chloride	SODIUM CHLORIDE	0.60		Emulsion Stabilizer

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No.	Phase	Trade name	INCI	%	Supplier	Note
26	E	PH91	PHENOXYETHANOL, ETHYLHEXYLGLYCERIN	0.60		Preservative
27	F	SLA1170	PARFUM	0.20		Parfum

Process:

1. Add Phase A raw materials into a beaker in sequence, heat in a water bath to 68- 70°C and stir until homogeneous.
2. Weigh Phase B components in sequence, add to Phase A and stir until homogeneous.
3. Weigh Phase C raw materials and grind three passes with a three- roll mill, then add into the AB mixture. Stir well firstly, then homogenize once at medium- high speed. Scrape residual material from the beaker wall into the beaker and perform another homogenization until the oil phase is uniform.
4. Pre- disperse and fully wet xanthan gum with polyols, then add deionized water and homogenize until uniform.
5. Weigh the remaining Phase D raw materials and add them to the aqueous phase, heat in a water bath to 60°C and stir until completely dissolved.
6. Maintain both aqueous phase and oil phase at 80°C under heat preservation. Stir the oil phase at medium- high speed, slowly add the aqueous phase drop- wise into the oil phase. Once aqueous- phase addition is finished, homogenize for 3 minutes and stir well.
7. Cool down to 40°C, add Phase E and Phase F, then homogenize and stir until homogeneous.

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