

Cushion Cream

Phase	I.N.C.I. name	Commercial name	%
A	PEG/PPG-20/15 Dimethicone, Diisopropyl Adipate	Silform™ 60-A (Momentive)	3.30
	PEG-12 Dimethicone	Silsoft™ 880 (Momentive)	4.00
	Caprylyl Methicone, C30-45 Alkyl Cetearyl Dimethicone Crosspolymer	Velvesil™ 034 (Momentive)	2.00
	Titanium Dioxide, Dimethicone, Hydrogen Dimethicone	SAS-C475001-10 (Miyoshi Europe S.A.S.)	3.90
	Iron Oxides, Dimethicone, Hydrogen Dimethicone	SAS-C339001-10 (Miyoshi Europe S.A.S.)	1.48
	Iron Oxides, Dimethicone, Hydrogen Dimethicone	SAS-C338001-10 (Miyoshi Europe S.A.S.)	0.43
	Iron Oxides, Dimethicone, Hydrogen Dimethicone	SAS-C337001-10 (Miyoshi Europe S.A.S.)	0.25
	C13-15 Alkane	Neossance® Hemisqualane	4.00
B	Dimethicone	Silsoft™ DML (Momentive)	8.00
	Isododecane, Quaternium-90 Bentonite, Propylene Carbonate	Tixogel® IDD 1538 (BYK)	10.00
C	Dimethicone	Silsoft™ DML (Momentive)	7.00
	Polymethylsilsesquioxane	Silform™ Flexible Resin (Momentive)	3.00
D	Ethylhexyl Palmitate	Eastman GEM™ 2-Ethylhexyl Palmitate (Eastman)	4.00
	C10-30 Alkyl Acrylate	Intelimer® 13-6 Polymer (Air Products)	4.00
E	Disodium EDTA	Protachem NA-2-P (Protameen Chemicals)	0.10
F	Caprylyl Methicone	Silsoft™ 034 (Momentive)	3.00
	Diethylhexyl 2,6-Naphthalate	Corapan® TQ (Symrise)	3.00
	Octocrylene	Neo Heliopan® 303 (Symrise)	4.00
	Butyl Methoxydibenzoylmethane	Neo Heliopan® 357 (Symrise)	1.00
G	Stearic Acid	Stearic Acid TP NF (Protameen Chemicals)	0.50
	C30-45 Alkyl Dimethicone	SF 1642 (Momentive)	3.00
H	Polypropylene	Mattewax™ 511 (MPI)	2.00
	PTFE	Microslip® 519L (MPI)	3.00
	Boron Nitride	Softouch™ CC6097 (Momentive)	4.00
I	Aqua	–	7.39
	Sorbitol	Sorbitol 70% Codex (Interchimie)	1.00
	Pentylene Glycol	Hydrolite® 5 (Symrise)	3.00
	Sodium Chloride	NaCl	0.40
J	Butylene Glycol, Aqua, Citrus Reticulata (Tangerine) Peel Extract	MandarinClear (Ichimaru Pharcos)	1.00
	Aqua, Alcohol, Glycosphingolipids, Sodium Hyaluronate, Hordeum Vulgare Extract	AquaPront™ (Air Products)	5.00
	Aqua, Propanediol, Sodium Glycerophosphate, Potassium Magnesium Aspartate, Calcium Glucoheptonate, Magnesium Gluconate	Hydramineralis® (Isaltis)	2.00
	Solanum Lycopersicum (Tomato) Extract, Glycerin, Aqua	LycoPure (Vitalab)	1.00
K	Fragrance	–	0.25

Protocol

- Phase A:** Weigh the raw materials of phase A and place the mix under high shear until complete dispersion of the pigments. Then place this phase under the propeller and heat to 75°C.
- Phase B & C:** Place separately each phases under stirring then add them to phase A once totally homogeneous
- Phase D:** Place under stirring this mixture, heat to 70°C then add it to phase ABC
- Phase E:** Add the chelating agent to phase ABCD
- Phase F:** Place under stirring the ingredients and heat to 50°C. Once the phase is homogeneous, add it to the mixture
- Phase G:** Weigh both raw materials and add them to the rest of the oily phase
- Phase H:** Once phase G is melted, add the mixture of powders to the rest of the formula and place under high shear
- Phase I:** Weigh and place under stirring. Heat to 75°C
- Phase J:** Weigh the actives and add to phase I right before emulsification. To realize the W/Si emulsion, add in dribble phase IJ within phase ABCDEFGH at 75°C under high shear. Leave under high stirring for 10 min at 75°C. Let it cool down under stirring.
- Phase K:** Add the fragrance at T<35°C