

FORMULATION SHEET

ELEMENTIS

SilkyShade Lip Tint SPF 50+

C-4014-04

DESCRIPTION

This anhydrous lip gel can be smoothly applied onto lips, delivers glossy finish and broad-spectrum protection with SPF 50+, effectively shielding lips from UV damage.

Phase	Ingredient	Supplier	%w/w
A	Ethylhexyl Salicylate (Eusolex® OS)	Merck	5.00
	C12-15 Alkyl Benzoate (Cetiol® AB)	BASF	9.00
	Octyldodecanol (Eutanol® G)	BASF	5.00
	Pentaerythrityl Tetraisostearate (Crodamol™ PTIS)	Croda	4.00
	Limnanthes Alba (Meadowfoam) Seed Oil (FANCOR® MEADOWFOAM SEED OIL)	Elementis	2.00
	Diisostearyl Malate (COSMOL 222)	Nisshin Oillio	5.00
	Lauryl/Isooctyl/Octyldodecyl/Dipropylene Glycol Citrate Crosspolymer (NATURALUXE™ MFF)	Elementis	5.00
	C12-15 Alkyl Benzoate (and) Stearalkonium Hectorite (and) Propylene Carbonate (BENTONE GEL® TN V)	Elementis	20.00
	Meadowfoam Estolide (MEADOWESTOLIDE®)	Elementis	1.00
B	Diisostearyl Malate (COSMOL 222)	Nisshin Oillio	1.00
	Sorbitan Isostearate (Span™ 120)	Croda	0.50
	CI 77891 (SunCROMA® Titanium Dioxide)	Sun Chemical	0.07
	CI 77491 (SunCROMA Red Iron Oxide)	Sun Chemical	0.15
	CI 77499 (SunCROMA Black IO)	Sun Chemical	0.04
	CI 15850 (Soft-Tex D&C R6 BALK)	Sun Chemical	0.05
	CI 15985 (SunCROMA® FD&C Yellow 6 Al Lake)	Sun Chemical	0.05
	CI 19140 (SunCroma FD&C Yellow 5 Al.)	Sun Chemical	0.02
C	Trihydroxystearin (THIXCIN® R PC)	Elementis	3.00
	Meadowfoam Delta-Lactone (MEADOWLACTONE®)	Elementis	0.50
	Helianthus Annuus (Sunflower) Seed Wax (Cerafumei® Sunflower Wax 5301)	Fumei	1.50
	Tribehenin (Pelemol GTB)	Phoenix	0.50
	Diethylamino Hydroxybenzoyl Hexyl Benzoate (Uvinul® A Plus)	BASF	6.00
	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine (Tinosorb® S)	BASF	6.00
	Drometrizole Trisiloxane (Mfsorb® 523)	MFCI	2.00
	Ethylhexyl Triazone (Uvinul® T 150)	BASF	5.00
	Bis-Behenyl/Isostearyl/Phytosteryl Dimer Dilinoleyl Dimer Dilinoleate (Plandool™-G)	Nippon Fine Chemical	6.00
	Butyrospermum Parkii (Shea) Butter (LIPEX® SheaSoft 7822)	AAK	9.62
	Silica Dimethyl Silylate (AEROSIL® R 974)	Evonik	1.50
	Phenoxyethanol (and) Ethylhexylglycerin (euxyl® PE 9010)	Ahsland	0.50

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PROCEDURE

1. Combine Phase A and mix until uniformly under high speed mixing. Heat to 85-90°C.
2. Disperse all the powders in Phase B evenly by using a three-roll mill, add to Phase A, mix until uniformly.
3. Add Phase C and Phase D to Phase A/B.
4. Start to cool under homogenization with water bath.
5. Transfer to a propeller mixer when it reaches 40-45°C.
6. Cool with stirring to room temperature.

SPECIFICATIONS

Viscosity: RVDV-II. Spindle 94. 6rpm 200,000-300,000 cps

Appearance: Red-toned gel

ADVANTAGES

BENTONE GEL® TN V helps to achieve a better color effect by improving pigment suspension and helps to prevent sweating. The high concentration allows a velvety skin feel to be achieved and prevents smearing.

THIXCIN® R PC helps to build the texture and provide good spreadability, allowing an easy application.

NATURALUXE™ MFF is a biodegradable (non-persistent), 80% natural polyester-based film former providing SPF boosting and enhancing water resistance by forming a flexible and comfortable film. It also helps to greatly improve the dispersion of mineral UV filters and other powders, facilitating a flowable texture.

MEADOWESTOLIDE® is a natural derivative of Limnanthes Alba (Meadowfoam) Seed Oil and has been shown to improve the moisturization of the lips.

MEADOWLACTONE® is a natural derivative from Limnanthes Alba (Meadowfoam) Seed Oil, which provides unique soft and melting skin feeling, it could also provides soothing efficacy.

NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchasers will be subject to a separate agreement which will not incorporate this document.

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