

# MATTE LIP COLOR <Liquid> TG21-LML

ELDEW™ PS-304 and AMIHOPE™ LL impart moisturized and smooth feelings to matte-type liquid lip color without stickiness.

	Trade name	INCI Name	wt%	Function
A	Permethyl 99A *1	Isododecane	10.0	Solvent
	DOWSIL MQ-1600 Resin *2	Trimethylsiloxysilicate	10.0	Film-forming agent
B	Crodamol PTIS *3	Pentaerythrityl Tetraistearate	3.0	Dispersing agent
	ELDEW™ PS-304	Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate	4.0	Emollient
	Rheoppearl KL2 *4	Dextrin Palmitate	0.1	Gelatinizing agent
C	CERESIN #810 *5	Ceresin	1.9	Emollient
	SR Crodamol TN *3	Isotridecyl Isononanoate	2.0	Emollient
	PARLEAM 46 *6	Hydrogenated Polyisobutene	4.0	Emollient
D	Aerosil R 812 *7	Silica Sylilate	1.8	Gelatinizing agent
	Permethyl 99A *1	Isododecane	16.2	Solvent
E	CR-50 *8	Titanium Dioxide, Alminum Hydroxide	0.33	Pigment
	TAROX R-516-L *9	Iron Oxide	1.72	Pigment
	TAROX LL-XLO *9	Iron Oxide	0.28	Pigment
	TAROX BL-100 *9	Iron Oxide	0.07	Pigment
	Crodamol PTIS *3	Pentaerythrityl Tetraistearate	1.1	Dispersing agent
F	BENTON GEL ISD V *10	Isododecane, Distearidimonium Hectorite, Propylene Carbonate	18.0	Gelatinizing agent
	Permethyl 99A *1	Isododecane	9.2	Solvent
G	Sunsphere NP-200 *11	Silica	8.0	Sensory modifier
	AMIHOPE™ LL	Lauroyl Lysine	4.0	Sensory modifier
	PDM-9WA *12	Synthetic Fluorophlogopite	4.0	Extender
	Red 223	CI 45380 Red 21	0.2	Colorant
	Tocopherol	Tocopherol	0.1	Antioxidant
<b>Total</b>			<b>100.0</b>	

\*1 Presperse, \*2 Dow Chemical, \*3 Croda, \*4 Chiba Flour Milling, \*5 Nikko Rica, \*6 NOF, \*7 Evonik, \*8 Ishihara Sangyo Kaisya, \*9 Titan Kogyo, \*10 Elementis, \*11 AGC Si-Tech, \*12 Topy Industries

## <PROCEDURE>

1. Part D is mixed uniformly in advance, then mixed by a homogenizing mixer.
2. Part E is dispersed by a roller mill.
3. Part F is mixed uniformly by hand, then added to part G.
4. Mix part A uniformly at 50°C and cool down to room temperature.
5. Add part B into Part A and mix Part (A+B) then add part C and mix uniformly at 103°C.
6. Add part D, part E, and part (F+G) into part (A+B+C) and mix the final mixture at 103°C with a dispersing mixer (1,000-1,500 rpm, 5 min).
7. Cool down by stirring with a paddle mixer (150 rpm) at room temperature.
8. Defoam.

## <PHYSICAL PROPERTIES and STABILITY>

Appearance: Red, Fluid

Viscosity: 5,000 mPa · s (TVB-10, M4, 12 rpm)

Stability: N/A



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