

Elara™

COSMETIC COLORANTS





EL Series USA Compliance

Sales Code	Color	D&C Colorants (C.I. Number)	Lip	Eye	External
EL-11	Aurora Pink [®]	Red 28 (C.I. 45410), Red 22 (C.I. 45380)	Yes	No	Yes
EL-13	Rocket Red [™]	Red 28 (C.I. 45410), Orange 5 (C.I. 45370)	Yes	No	Yes
EL-15	Blaze Orange [™]	Yellow 10 (C.I. 47005), Red 28 (C.I. 45410), Red 22 (C.I. 45380)	Yes	No	Yes
EL-17*	Saturn Yellow [®]	Yellow 10 (C.I. 47005)	Yes	No	Yes
EL-20	Ultra Violet [™]	Violet 2 Ext. (C.I. 60730), Red 28 (C.I. 45410)	No	No	Yes
EL-21	Corona Magenta [™]	Red 28 (C.I. 45410), Red 22 (C.I. 45380)	Yes	No	Yes
EL-37*	Horizon Blue [™]	Blue 1 (C.I. 42090)	Yes	Yes	Yes

* Non-Fluorescent Colors (Not UV/Blacklight responsive)

Provided regulatory information based on US FDA regulations

INCI Names: Norbornanediamine/Resorcinol Diglycidyl Ether Crosspolymer, Aluminum Hydroxide, D&C Colorant(s)





EL Series

EU Compliance

Sales Code	Colour	D&C Colorants (C.I. Number)	Lip	Eye	Hair	External
EL-11	Aurora Pink [®]	Red 28 (C.I. 45410), Red 22 (C.I. 45380)	Yes	Yes	No	Yes
EL-13	Rocket Red [™]	Red 28 (C.I. 45410), Orange 5 (C.I. 45370)	Yes	Yes	No	Yes
EL-15EC	Blaze Orange [™]	Yellow E104 (C.I. 47005), Red 28 (C.I. 45410), Red 22 (C.I. 45380)	Yes	Yes	No	Yes
EL-17EC*	Saturn Yellow [®]	Yellow E104 (C.I. 47005)	Yes	Yes	Yes	Yes
EL-20	Ultra Violet [™]	Violet 2 Ext. (C.I. 60730), Red 28 (C.I. 45410)	No	No	Yes	Yes
EL-21	Corona Magenta [™]	Red 28 (C.I. 45410), Red 22 (C.I. 45380)	Yes	Yes	No	Yes
EL-37*	Horizon Blue [™]	Blue 1 (C.I. 42090)	Yes	Yes	Yes	Yes

* Non-Fluorescent Colors (Not UV/Blacklight responsive)

Provided regulatory information based on EU regulations

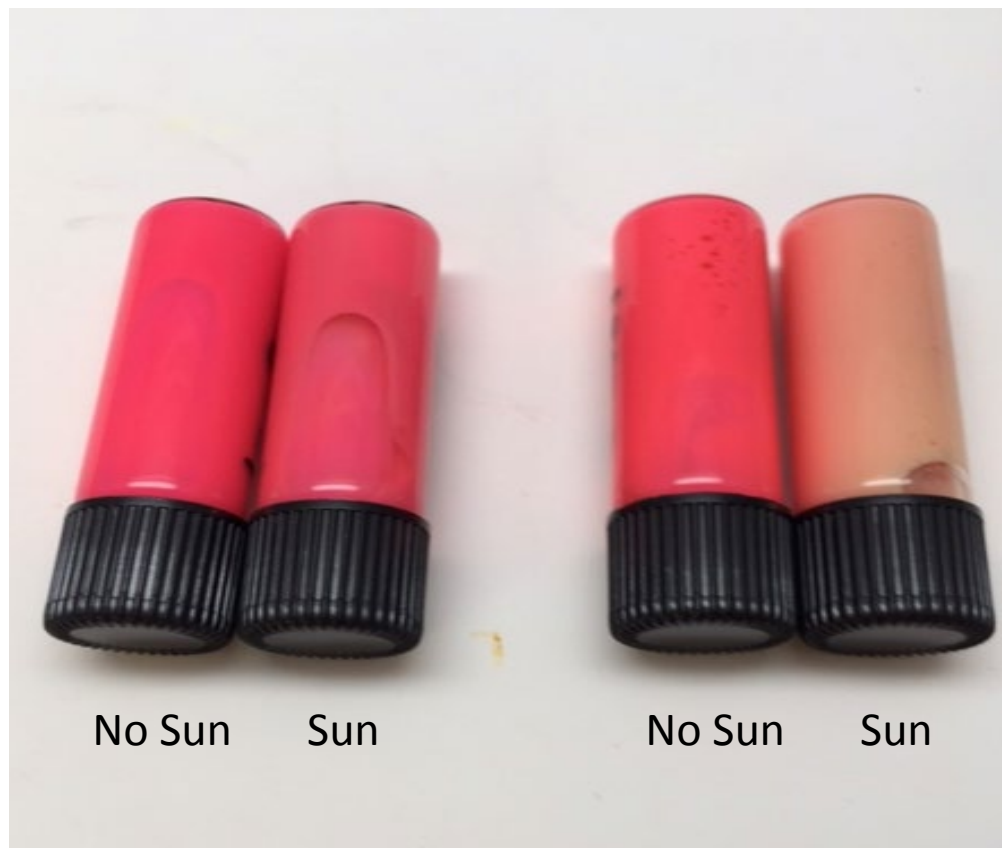
INCI Names: Norbornanedi-amine/Resorcinol Diglycidyl Ether Crosspolymer, Aluminum Hydroxide, D&C Colorant(s)





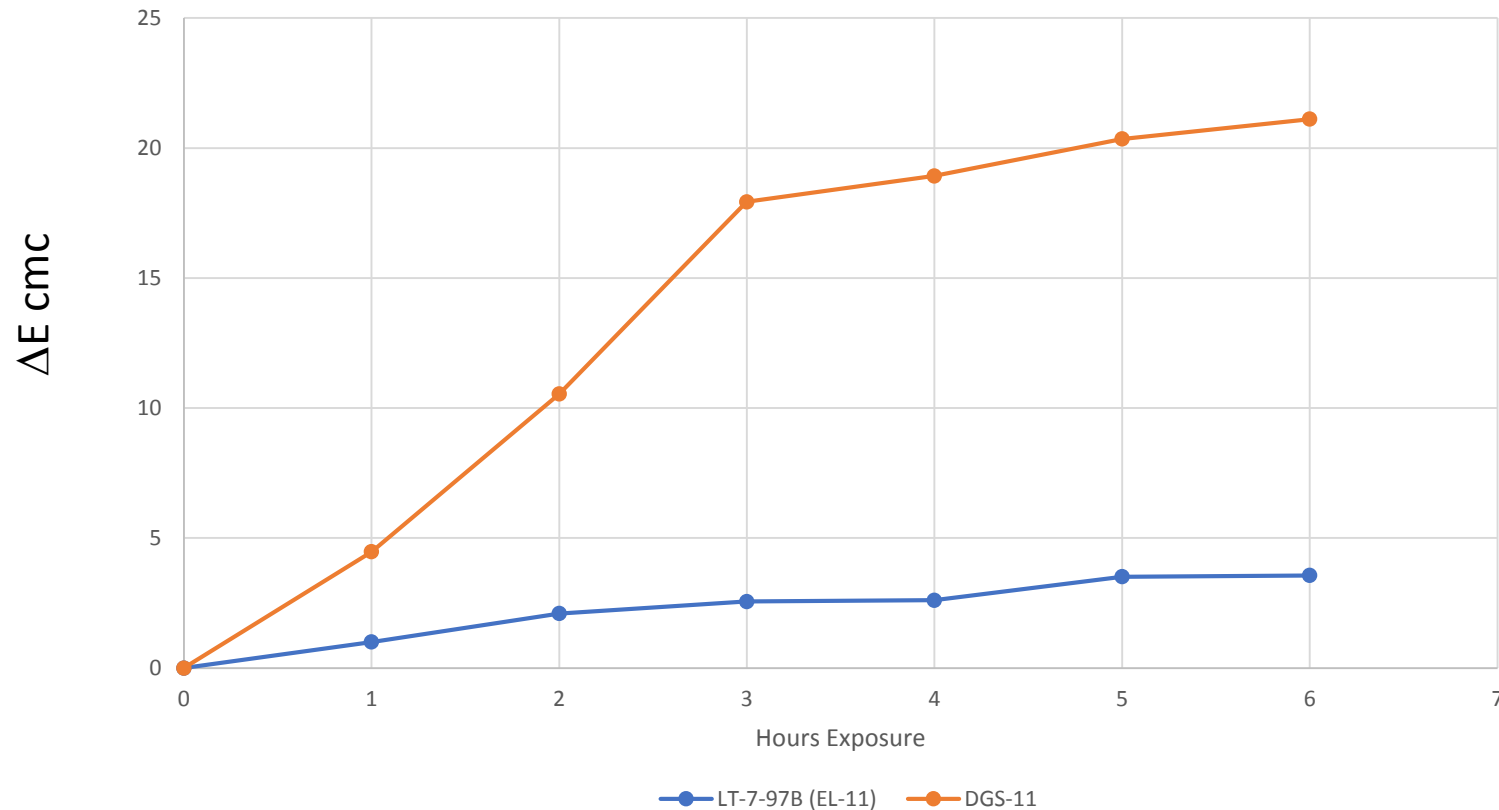
EL Series

Improved Lightfastness



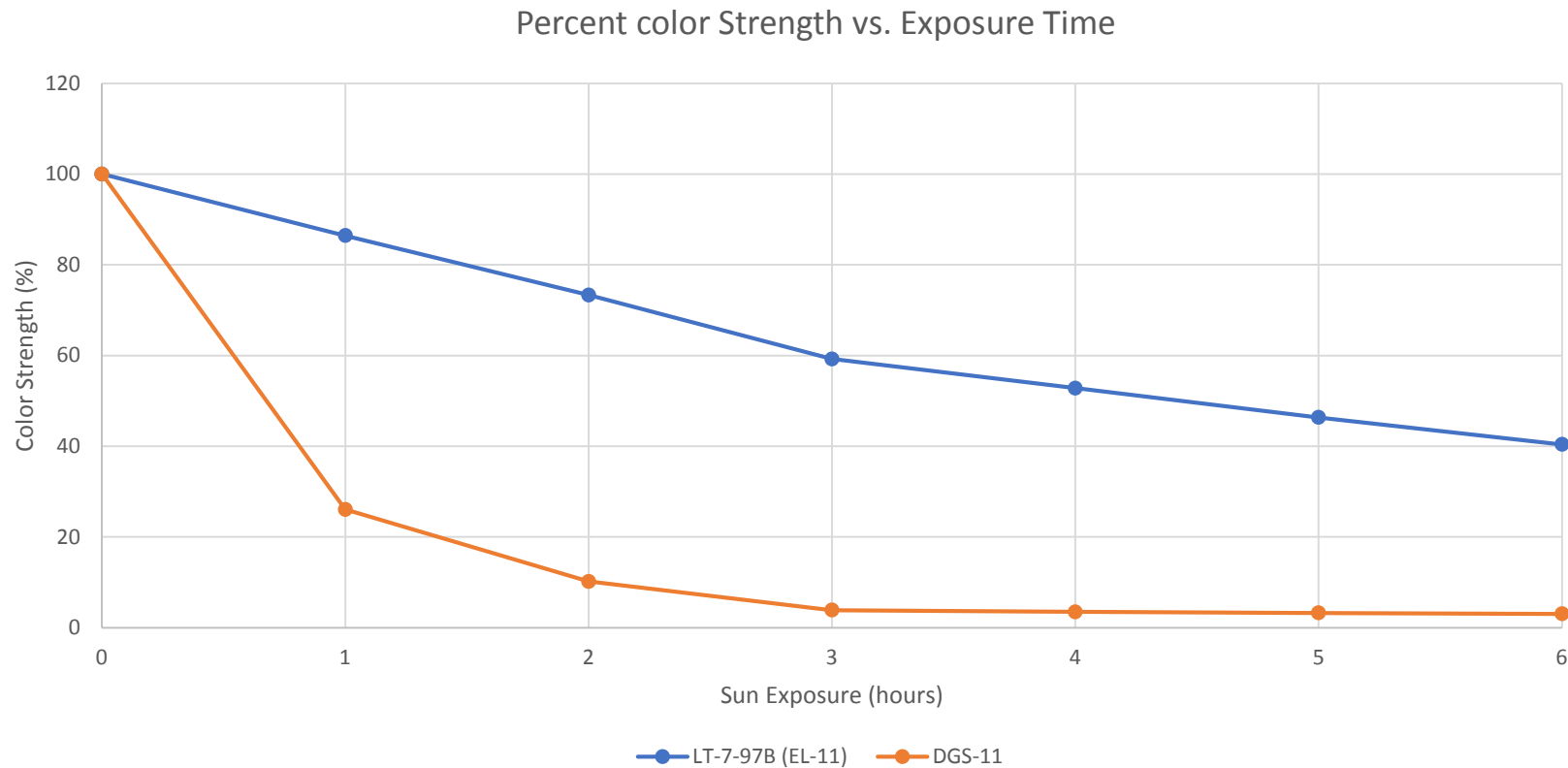
- EL-11 Pink is on the left without/with sunlight after 13 days.
- DGS-11 is on the right without/with sunlight. After 13 days nearly gone with UV exposure.

Elara EL-11 vs. DGS-11 $\Delta E(\text{cmc})$ Color Change in Nail Lacquer Glass Bottle When Exposed to Sunlight



DGS-11 has 7 times the color shift of EL-11 after 6 hours sun exposure.

Elara EL-11 Maintains Color Strength in Lacquer up to 7 Times Longer Than DGS-11

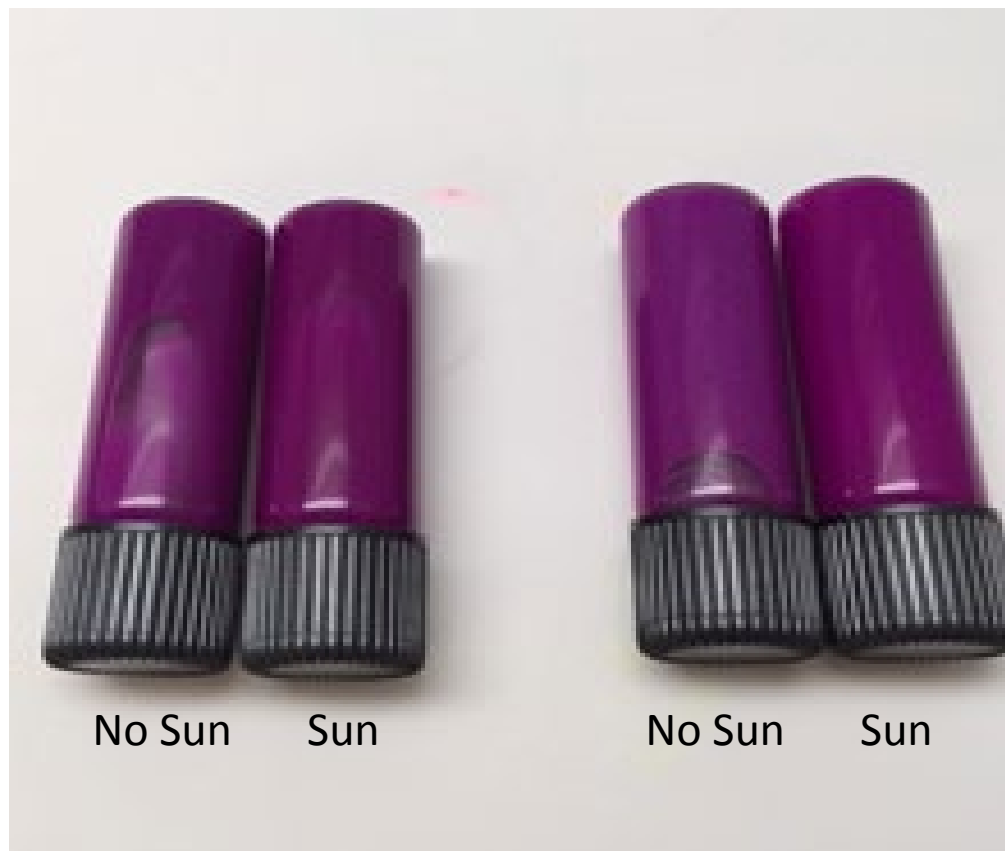




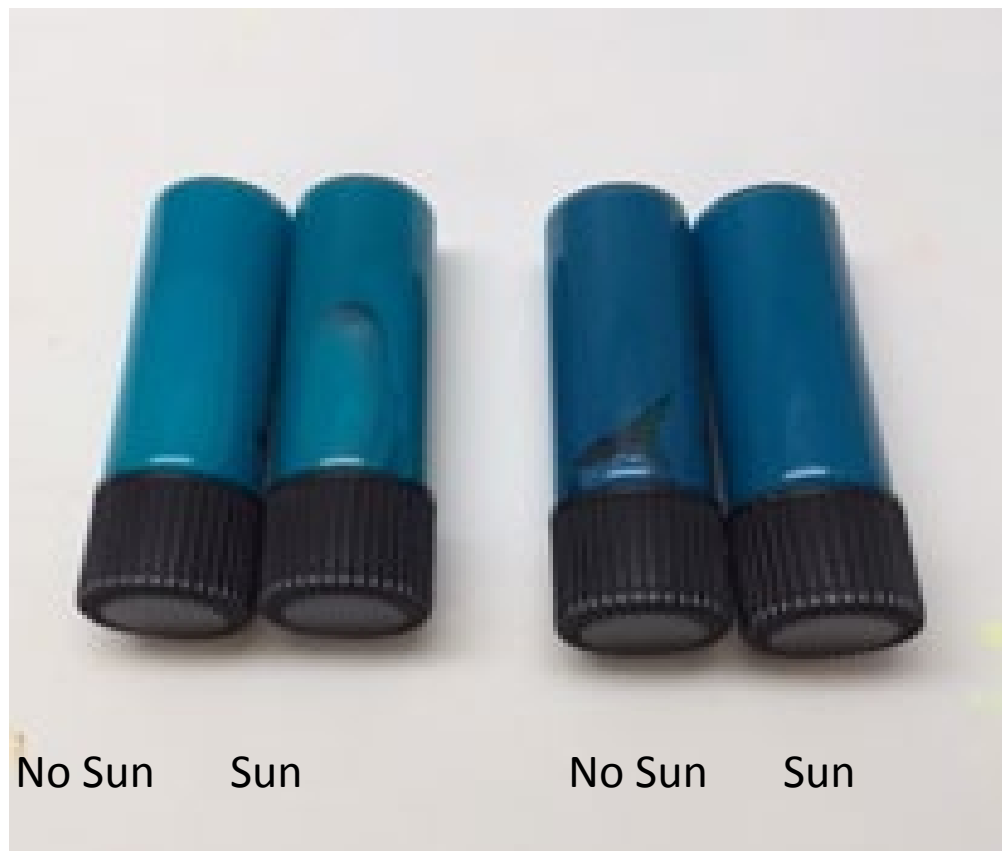
- EL-21 Magenta is on the left without/with sunlight after 13 days.
- DGS-21 is on the right without/with sunlight. After 13 days nearly gone with UV exposure.



- EL-15 Orange is on the left without/with sunlight after 13 days.
- DGS-15 Orange is on the right without/with sunlight. After 13 days nearly gone with UV exposure.



- EL-20 Purple is on the left without/with sunlight after 13 days.
- DGS-20 Purple is on the right without/with sunlight. After 13 days nearly gone with UV exposure.
- Both look good.

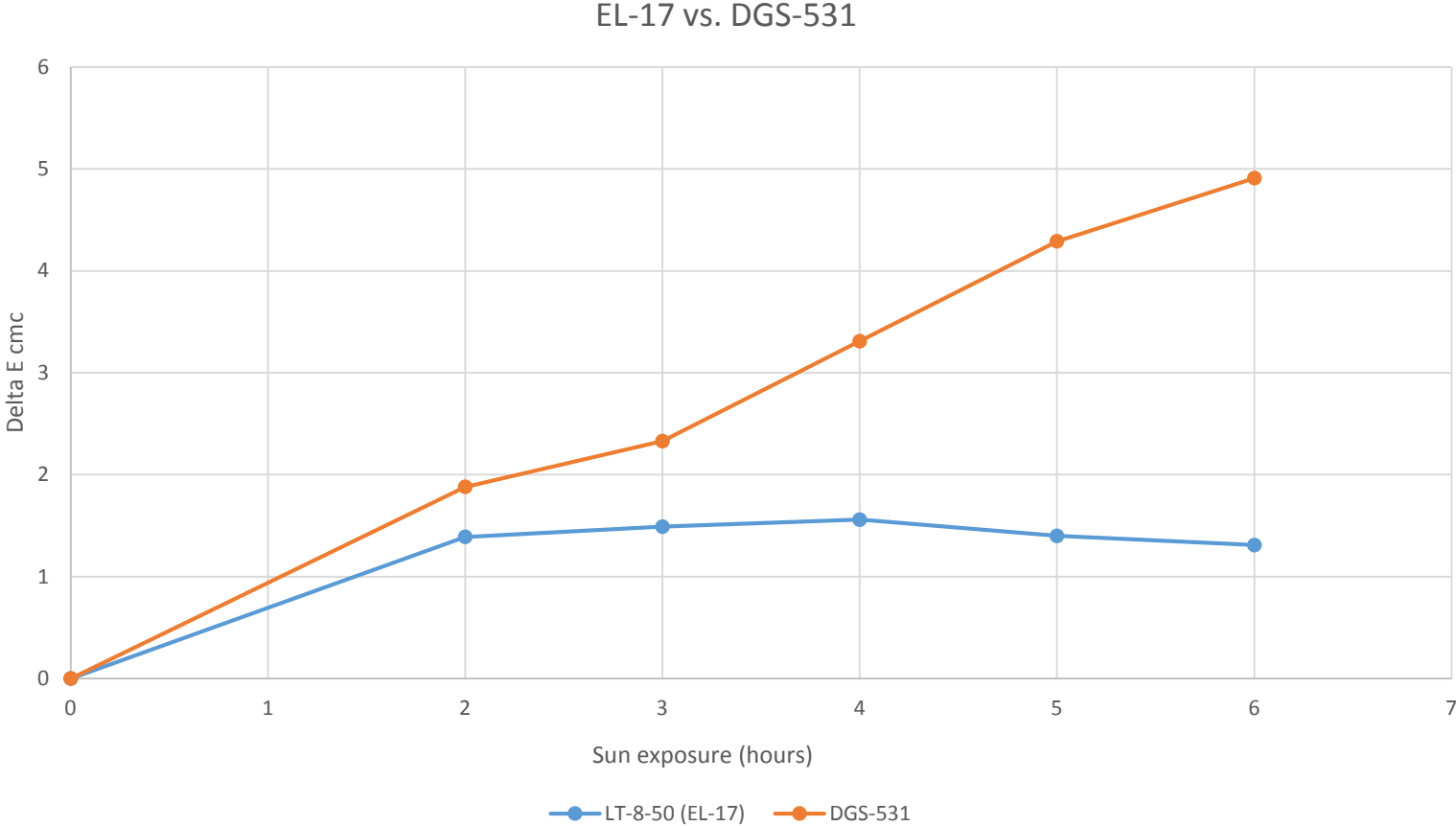


- EL-19 Blue is on the left without/with sunlight after 13 days.
- DGS-19 Blue is on the right without/with sunlight. After 13 days nearly gone with UV exposure.



- EL-17 Yellow is on the left with sunlight after 13 days.
- DGS-17 Yellow is on the right with sunlight. After 13 days nearly gone with UV exposure.

Elara EL-17 vs. DGS-531 $\Delta E(\text{cmc})$ Color Change in Nail Lacquer Glass Bottle When Exposed to Sunlight



DGS-531 has 5 times the color shift of EL-17 after 6 hours sun exposure.



EL-11 Aurora Pink®

EL-13 Rocket Red™

EL-15* Blaze Orange™

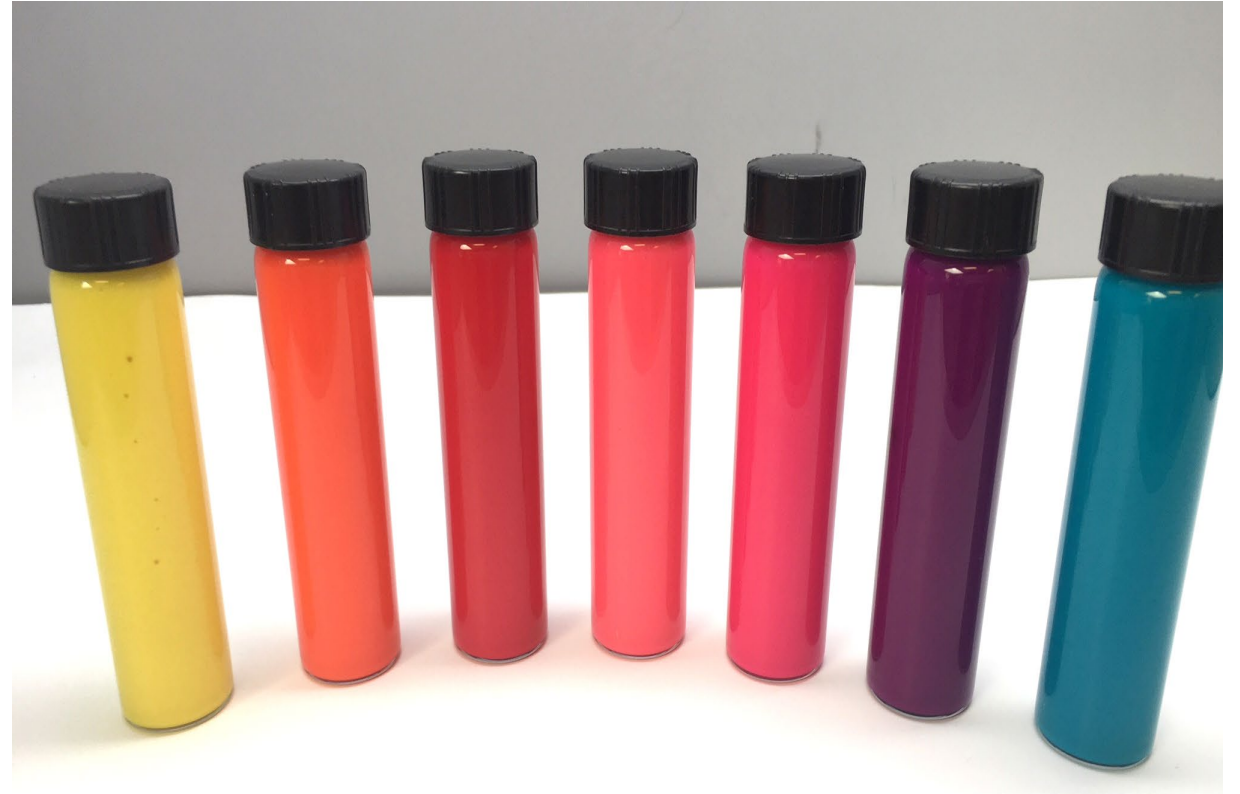
EL-17* Saturn Yellow®

EL-20 Ultra Violet™

EL-21 Corona Magenta™

EL-37 Horizon Blue™

*European compliant versions available





EL-11 Aurora Pink®

EL-13 Rocket Red™

EL-15* Blaze Orange™

EL-17* Saturn Yellow®

EL-20 Ultra Violet™

EL-21 Corona Magenta™

EL-37 Horizon Blue™

*European compliant versions available



$\Delta E(\text{cmc})$ of Nitrocellulose Based Nail Lacquer in a Glass Bottle After 6 Hour Sun Exposure

Color	Elara	DermaGlo
Yellow (EL-17, DGS-531)	1.3	4.9
Orange (15)	4.0	12.7
Red (13)	5.4	18.9
Pink (11)	3.6	21.1
Magenta (21)	2.7	13.5
Purple (20)	2.0	17.3
Blue (37)	6.1*	3*

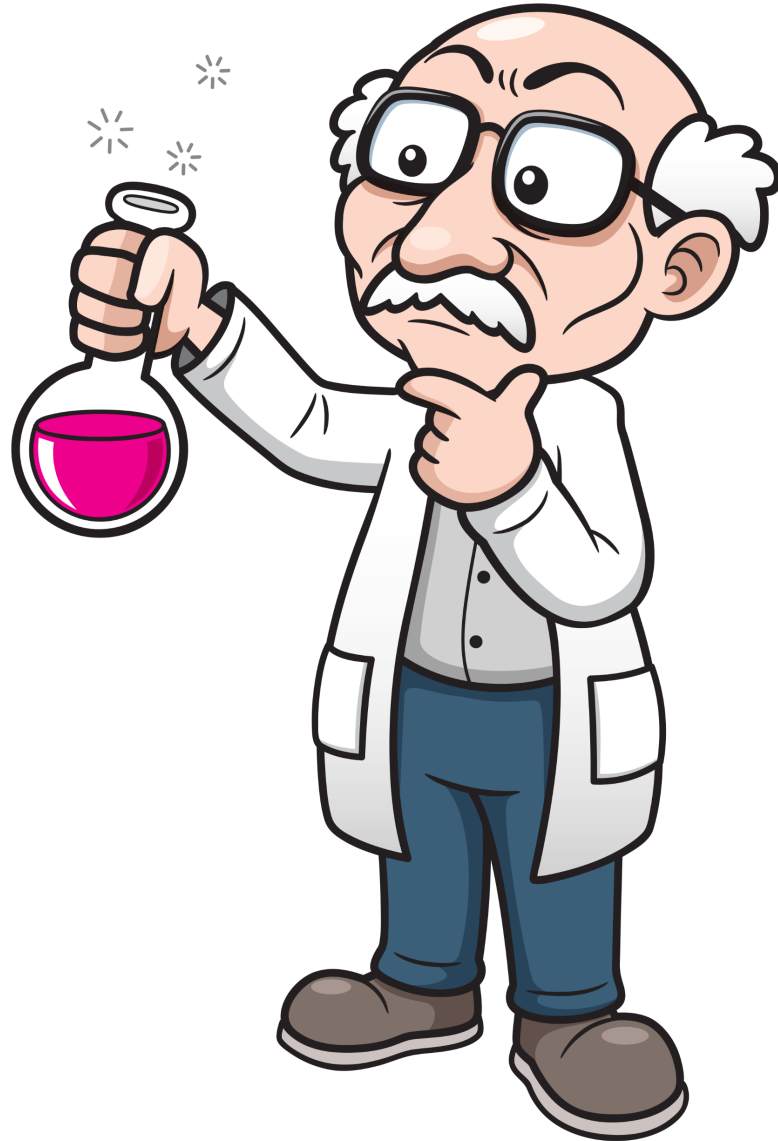
* Darkens on exposure.

Color Strength Remaining in Nitrocellulose Based Nail Lacquer in Glass After 6 Hour Sun Exposure

Color	Elara	DermaGlo
Yellow (EL-17, DGS-531)	82	95
Orange (15)	43	14
Red (13)	46	4
Pink (11)	40	3
Magenta (21)	42	3
Purple (20)	53	7
Blue (37)	178*	105*

* Darkens on exposure.

Thank
You!



Any
Questions?