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# FDA Listings

December 2006

Select colorants and auxiliaries approved by the United States  
Food and Drug Administration under 21 CFR

## FDA Compliant Colorants

Product Name	21 CFR	Notes	Common Name	CAS No.	Colour Index
Eupolen® PE Blue 69-1501	FCN 00550	h	Phthalocyanine blue	27614-71-7	
Eupolen® PE Blue 69-2001	176.170, 178.3297	a	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Eupolen® PE Blue 70-9001	176.170, 178.3297	a	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Eupolen® PE Blue 70-9101	176.170, 178.3297	a	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Eupolen® PE Green 87-3001	178.3297	a, b, c	Phthalocyanine green	1328-53-6	Pigment Green 7 (74260)
Eupolen® PE Yellow 09-6101	178.3297	a	Quinophthalone yellow	30125-47-4	Pigment Yellow 138 (56300)
Eupolen® PE Red 39-1101	178.3297	a	Perylene red	3049-71-6	Pigment Red 178
Euthylen® White 00-1905	176.170, 178.3297	a	Titanium dioxide	13463-67-7	Pigment White 6 (77891)
Heliogen® Blue D 6840	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue D 7080	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue D 7084 DD	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue FK 4261	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue K 6840	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue K 6850	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue K 6902	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue K 6903	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue K 6907	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue K 6911 D	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue K 6911 FP	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue K 6912 D	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue K 7084	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue K 7090	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue K 7090 Pck	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue K 7090 FP	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue K 7100	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue K 7103	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue K 7104 LW	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue K 7120 HT	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue L 6900	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue L 6920	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue L 6920 Pck	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue L 6930	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue L 6930 Pck	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)
Heliogen® Blue L 7080	176.170, 178.3297	b	Phthalocyanine blue	147-14-8	Pigment Blue 15 (74160)

Product Name	21 CFR	Notes	Common Name	CAS No.	Colour Index
Heliogen® Green 8720 Pc	178.3297		Phthalocyanine green	1328-53-6	Pigment Green 7 (74260)
Heliogen® Green D 8730	178.3297	b, c	Phthalocyanine green	1328-53-6	Pigment Green 7 (74260)
Heliogen® Green K 8605	178.3297	b	Phthalocyanine green	1328-53-6	Pigment Green 7 (74260)
Heliogen® Green K 8683	178.3297	b	Phthalocyanine green	1328-53-6	Pigment Green 7 (74260)
Heliogen® Green K 8730 FP	178.3297	b	Phthalocyanine green	1328-53-6	Pigment Green 7 (74260)
Heliogen® Green K 8730 Z	178.3297	b	Phthalocyanine green	1328-53-6	Pigment Green 7 (74260)
Heliogen® Green K 8734	178.3297	b	Phthalocyanine green	1328-53-6	Pigment Green 7 (74260)
Heliogen® Green K 8740 LW	178.3297	b	Phthalocyanine green	1328-53-6	Pigment Green 7 (74260)
Heliogen® Green K 9360	FCN 000411	h	Phthalocyanine green	14302-13-7	Pigment Green 36 (74265)
Heliogen® Green L 8605	178.3297	b	Phthalocyanine green	1328-53-6	Pigment Green 7 (74260)
Heliogen® Green L 8730	178.3297	b	Phthalocyanine green	1328-53-6	Pigment Green 7 (74260)
Heliogen® Green L 8735	178.3297	b	Phthalocyanine green	1328-53-6	Pigment Green 7 (74260)
Paliocrom® Gold L 2020	176.170, 178.3297	d	Iron oxides	1309-37-1	Pigment Red 101 (77491)
Paliogen® Maroon L 3920	178.3297	f, g	Perylene maroon	5521-31-3	Pigment Red 179 (71130)
Paliogen® Maroon L 3980	178.3297	b, f	Perylene maroon	5521-31-3	Pigment Red 179 (71130)
Paliogen® Red K 4180	178.3297		Perylene maroon	5521-31-3	Pigment Red 179 (71130)
Paliogen® Red L 3885	178.3297	b, f	Perylene maroon	5521-31-3	Pigment Red 179 (71130)
Paliogen® Red K 3580	178.3297		Perylene Red	4948-15-6	Pigment Red 149
Paliogen® Red K 3911HD	FCN 000118	h	Perylene red	3049-71-6	Pigment Red 178
Paliogen® Red L 3880 HD	FCN 000118	b, h	Perylene red	3049-71-6	Pigment Red 178
Paliogen® Red L 3910 HD	FCN 000118	h	Perylene red	3049-71-6	Pigment Red 178
Paliogen® Red Violet K 5011	178.3297	f	Perylene red	81-33-4	Pigment Violet 29 (71129)
Paliotol™ Yellow FK 4190	178.3297		none	65212-77-3	Pigment Yellow 183 (21108)
Paliotol™ Yellow K 0961 HD	178.3297		Quinophthalone yellow	30125-47-4	Pigment Yellow 138 (56300)
Paliotol™ Yellow K 1090	178.3297	b	Quinophthalone yellow	30125-47-4	Pigment Yellow 138 (56300)
Paliotol™ Yellow K 2270	178.3297		none	65212-77-3	Pigment Yellow 183 (21108)
Paliotol™ Yellow L 0960 HD	178.3297		Quinophthalone yellow	30125-47-4	Pigment Yellow 138 (56300)
Paliotol™ Yellow L 0962 HD	178.3297		Quinophthalone yellow	30125-47-4	Pigment Yellow 138 (56300)
Sicomix® Yellow 10-0770	178.3297	b	Quinophthalone yellow	30125-47-4	Pigment Yellow 138 (56300)
Sicopal® Green K 9710	170.39		Cobalt titanate green spinel	68186-85-6	Pigment Green 50 (77377)
Sicotan® Yellow K 1010	178.3297, 170.39		Nickel antimony titanium yellow rutile	8007-18-9	Pigment Yellow 53 (77788)
Sicotan® Yellow K 1011	178.3297, 170.39		Nickel antimony titanium yellow rutile	8007-18-9	Pigment Yellow 53 (77788)
Sicotan® Yellow K 1011 FG	178.3297, 170.39		Nickel antimony titanium yellow rutile	8007-18-9	Pigment Yellow 53 (77788)
Sicotan® Yellow K 2001	178.3297, 170.39		Chromium antimony titanium buff rutile	68186-90-3	Pigment Brown 24 (77310)
Sicotan® Yellow K 2001 FG	178.3297, 170.39		Chromium antimony titanium buff rutile	68186-90-3	Pigment Brown 24 (77310)
Sicotan® Yellow K 2011 FG	178.3297, 170.39		Chromium antimony titanium buff rutile	68186-90-3	Pigment Brown 24 (77310)
Sicotan® Yellow K 2080 FG	178.3297, 170.39	b	Chromium antimony titanium buff rutile	68186-90-3	Pigment Brown 24 (77310)
Sicotan® Yellow L 1910	178.3297, 170.39		Chromium antimony titanium buff rutile	68186-90-3	Pigment Brown 24 (77310)
Sicotan® Yellow L 2010	178.3297, 170.39		Chromium antimony titanium buff rutile	68186-90-3	Pigment Brown 24 (77310)

Product Name	21 CFR	Notes	Common Name	CAS No.	Colour Index
Sicotrans <sup>®</sup> Red K 2819	176.170, 178.3297		Iron oxides	1309-37-1	Pigment Red 101 (77491)
Sicotrans <sup>®</sup> Red K 2915	176.170, 178.3297		Iron oxides	1309-37-1	Pigment Red 101 (77491)
Sicotrans <sup>®</sup> Red L 2715 D	176.170, 178.3297		Iron oxides	1309-37-1	Pigment Red 101 (77491)
Sicotrans <sup>®</sup> Red L 2815	176.170, 178.3297		Iron oxides	1309-37-1	Pigment Red 101 (77491)
Sicotrans <sup>®</sup> Red L 2816	176.170, 178.3297		Iron oxides	1309-37-1	Pigment Red 101 (77491)
Sicotrans <sup>®</sup> Red L 2817	176.170, 178.3297		Iron oxides	1309-37-1	Pigment Red 101 (77491)
Sicotrans <sup>®</sup> Red L 2818	176.170, 178.3297		Iron oxides	1309-37-1	Pigment Red 101 (77491)
Sicotrans <sup>®</sup> Red L 2915 D	176.170, 178.3297		Iron oxides	1309-37-1	Pigment Red 101 (77491)
Sicotrans <sup>®</sup> Red L 2917	176.170, 178.3297		Iron oxides	1309-37-1	Pigment Red 101 (77491)
Sicotrans <sup>®</sup> Yellow L 1915	176.170, 178.3297		Iron oxides	51274-00-1	Pigment Yellow 42 (77492)
Sicotrans <sup>®</sup> Yellow L 1916	176.170, 178.3297		Iron oxides	51274-00-1	Pigment Yellow 42 (77492)
Variocrom <sup>™</sup> Magic Green K 9811	<b>178.3297</b>		Silica	7631-86-9	
Variocrom <sup>™</sup> Magic Gold K 1411	178.3297	b, d	Silica	7631-86-9	Pigment White 27 (77811)
Variocrom <sup>™</sup> Magic Gold L 1400	178.3297	b, d	Silica	7631-86-9	Pigment White 27 (77811)
Variocrom <sup>™</sup> Magic Purple K 5511	178.3297	b	Silica	7631-86-9	Pigment White 27 (77811)
Variocrom <sup>™</sup> Magic Purple L 5520	178.3297	b	Silica	7631-86-9	Pigment White 27 (77811)
Variocrom <sup>™</sup> Magic Red K 4411	178.3297	b, d	Silica	7631-86-9	Pigment White 27 (77811)
Variocrom <sup>™</sup> Magic Red L 4420	178.3297	b, d	Silica	7631-86-9	Pigment White 27 (77811)

## FDA Compliant Auxiliaries

Product Name	21 CFR	Note	Common Name	CAS No.
Acronal <sup>®</sup> 4F	175.105, 175.300, 175.320, 176.170, 176.180, 177.1210		Butyl Acrylate Polymer	9003-49-0
Acronal <sup>®</sup> LR 8820	175.105		Butyl Acrylate Polymer	9003-49-0
Lupasol <sup>™</sup> FG	175.105		Polyethylenimine	25987-06-8
Lupasol <sup>™</sup> G-20	175.105		Polyethylenimine	25987-06-8
Lupasol <sup>™</sup> G-20 Waterfree	175.105		Polyethylenimine	25987-06-8
Lupasol <sup>™</sup> G-35	175.105		Polyethylenimine	25987-06-8
Lupasol <sup>™</sup> P	173.357, 175.105/320, 176.170/180, 177.1200		Polyethylenimine	9002-98-6
Lupasol <sup>™</sup> PR 8515	175.105		Polyethylenimine	25987-06-8
Lupasol <sup>™</sup> PS	173.357, 175.105/320, 176.170/180, 177.1200		Polyethylenimine	9002-98-6
Lupasol <sup>™</sup> SC <sup>®</sup> 86X	175.105		Polyethylenimine derivative	proprietary
Lupasol <sup>™</sup> SK	176.170/180		Polyethylenimine derivative	proprietary
Lupasol <sup>™</sup> Waterfree	175.105/320, 176.170/180, 177.1200		Polyethylenimine	9002-98-6
Luwax <sup>®</sup> A Powder			Polyethylene wax	9002-88-4
Luwax <sup>®</sup> AF30 Powder			Polyethylene wax	9002-88-4
Luwax <sup>®</sup> AF31	175.105/300/320, 176.170/180/210, 177.1200/1520,	j	Polyethylene wax	9002-88-4
Luwax <sup>®</sup> AH3 Powder	172.615, 173.20, 175.125/350/380/390, 176.200/300,		Polyethylene wax	9002-88-4
Luwax <sup>®</sup> AH6 Granular	177.1210/1240/1320/1350/1390/1400/1620/2600/2910,	j	Polyethylene wax	9002-88-4
Luwax <sup>®</sup> AH6 Powder	178.3120/3570/3850, 179.45	j	Polyethylene wax	9002-88-4
Luwax <sup>®</sup> AL3 Powder			Polyethylene wax	9002-88-4
Luwax <sup>®</sup> AM 3 Powder			Polyethylene wax	9002-88-4
Luwax <sup>®</sup> E Powder	178.3770		Montan Wax	73138-45-1
Luwax <sup>®</sup> OA2 Powder	175.105, 176.200/210, 177.1210/1390/2600, 178.3120		Oxidized Polyethylene wax	68441-17-8
Luwax <sup>®</sup> OA5 Pastilles	176.170/180/210, 172.260, 175.105/125/350, 176.200/300, 177.1200/1210/1390/1400/1620/2600/2800/2910, 178.3120		Oxidized Polyethylene wax	68441-17-8
Luwax <sup>®</sup> OA5 Powder	176.170/180/210, 172.260, 175.105/125/350, 176.200/300, 177.1200/1210/1390/1400/1620/2600/2800/2910, 178.3120		Oxidized Polyethylene wax	68441-17-8

<b>Product Name</b>	<b>21 CFR</b>	<b>Note</b>	<b>Common Name</b>	<b>CAS No.</b>
Uvinul <sup>®</sup> 3008	178.2010, 178.3710	i	Octabenzene	1843-05-6
Uvinul <sup>®</sup> 3026	178.2010		Benzotriazole	3896-11-5
Uvinul <sup>®</sup> 3028	175.105		Benzotriazole	25973-55-1
Uvinul <sup>®</sup> 3029	178.2010		Benzotriazole	3147-75-9
Uvinul <sup>®</sup> 3030	FCN 277. For all polymers @ 0.5% max..		Cyanacrylic acid	Proprietary
Uvinul <sup>®</sup> 3033 P	178.2010		Benzotriazole	2440-22-4
Uvinul <sup>®</sup> 3034	178.2010		Benzotriazole	70321-86-7
Uvinul <sup>®</sup> 3035	FCN 212. In PVC.	h	Cyanacrylic acid	5232-99-5
Uvinul <sup>®</sup> 3039	177.1315/1630, FCN 217. In PVC, PET & copolymers.	h	Cyanacrylic acid	6197-30-4
Uvinul <sup>®</sup> 4050 H	FCN 000647	k	Hindered Amine	124172-53-8
Uvinul <sup>®</sup> 4077 H	178.2010		Hindered Amine	52829-07-9
Uvinul <sup>®</sup> 5050 H	FCN 480. Olefin @ 0.3%	h, i	Hindered Amine	152261-33-1
Uvinul <sup>®</sup> 5062 H	178.2010		Hindered Amine	65447-77-0

## Notes

- a- also contains polyethylene which is approved under 177.1520
- b- contains other 178.3297 approved colorants
- c- approved except when lots contain Pigment Green 36 as shader (C.I. #74265)
- d- also contains Aluminum (C.I. Pigment Metal 1, C.I.# 77000)
- e- also contains Aluminum potassium silicate (C.I. Pigment White 20, C.I.# 77019)
- f- also contains polymerized rosin which is approved under 176.170, 178.3870 and others
- g- also contains Alcohols (C10-16) which are approved under 177.1010 and others
- h - FCN = Food Contact Substance Notification. Full text can be accessed at FDA web site:  
<http://www.cfsan.fda.gov/dms/opa-fcn.html>. 178.3297 - Colorants for Polymers. 176.170 - Components of paper and paperboard in contact with aqueous and fatty foods. 170.39 - Threshold of regulation for substances used in food-contact articles.
- i - Olefin polymer only
- j - The composition of the products complies with the specifications of FDA Regulation 21 CFR 177.1520 "Olefin polymers" (c) 2.1., and (c) 2.3 only.
- k - 0.5 % in polystyrene, styrene copolymers and acrylonitrile copolymers, 0.25 % in polypropylene

List contains active sales products only. Inactive products and samples not included.

Please refer to the listed paragraph in Title 21 CFR or contact BASF Regulatory directly at 704-587-8245 for details on restrictions and limitations.

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