



GLOBAL PIGMENTS

FOR COSMETICS

Organic and Inorganic Pigments for Cosmetics Applications



Spectra Colors Corporation



You'll Know Us By Our Colors

WWW.SPECTRACOLORS.COM

SPECTRA COLORS CORPORATION

Spectra® Colors Corp is a leading global supplier for specialty dyes/colorants for a variety of industries and applications. We offer Dyes, Lakes & Pigments for the Cosmetic, Toiletries, Personal Care and other specialty industries. Our state of the art laboratory employs the latest technologies and expertise to custom design products to our customer specifications.

SPECTRA'S PHILOSOPHY:

TRUSTWORTHY PARTNER • INNOVATION • TAILORED SOLUTIONS • CUSTOMER FOCUS

WE HAVE **30+ YEARS OF**
EXPERIENCE IN THE MARKET
AND OUR COLORS ARE
AVAILABLE IN OVER
80 COUNTRIES

ORGANIC PIGMENTS

APPLICATION OF LAKES:

Certified color regulations allow the use of the aluminum lakes of our F D & C colors as colorants in foods, drugs and cosmetics. Aluminum lakes are non-soluble pigments that do not need to be dissolved in order to develop its coloring power (In contrast to dyes, which always have to be in solution to develop maximum color.) Other substrates can also be used in manufacturing lakes for D & C Colors (Ex. Barium, Talc, and Calcium).

Our F D & C lakes tintorial value is dependent on physical properties and pure dye content. In all applications, lakes must be thoroughly mixed into the medium that is to be colored. This may involve grinding or mixing on special roll mills. The wetting out of the color particle and the dispersion in the medium vitally affect the final color properties.

STAINING COLORS

FLUORESCCEIN COLORANTS:

Fluorescein Colorants are unique clean colors primarily used for their Staining Properties in Lipsticks applications. We can offer D & C Orange 5, D & C Red 21 and D & C Red 27. In addition to their Staining Properties, D & C Red 21 and D & C Red 27 can offer color changing and fluorescent properties.

All our Organic Pigments and Staining Colors are analyzed and batch certified by the US FDA.

INORGANIC PIGMENTS



IRON OXIDES:

As the primary inorganic makeup coloring ingredient used in mineral makeup products, Iron Oxides are offered in unique colors and are safe for use on most sensitive skin types. Their non-toxic, moisture resistant and non-bleeding properties make them a favorite ingredient of any cosmetic formulator.

In addition, we offer other Inorganic Pigments such as Ultramarines and Manganese Violet. As these colors are exempt from US FDA certification, these products are made meeting the US FDA requirements for identity, composition and purity.

Not all above information will pertain to every product in the catalog.

organic pigments

US FDA										
Code	Description	Mass Tone	Tint Tone 1/50	Avg % Color Content	Color Index	Cosmetics and Toiletries Externally Applied	Cosmetics: Lip Products	Cosmetics: Eye Products	EC 1223/2009	Japanese Reference
1.FC.005LL0	F D & C YELLOW 5 ALUM LAKE LL ~ 17%	<div><div></div><div></div></div>		17	19140:1	✓	✓	✓	✓	Yellow 4
1.FC.005LM0	F D & C YELLOW 5 ALUM LAKE LM ~25%	<div><div></div><div></div></div>		25	19140:1	✓	✓	✓	✓	Yellow 4
1.FC.006LM0	F D & C YELLOW 6 ALUM LAKE LM	<div><div></div><div></div></div>		25	15985:1	✓	✓		✓	Yellow 5
1.FC.006LP0	F D & C YELLOW 6 ALUM LAKE LP	<div><div></div><div></div></div>		46	15985:1	✓	✓		✓	Yellow 5
1.FD.010LM0	D & C YELLOW 10 ALUM LAKE LM	<div><div></div><div></div></div>		22	47005:1	✓	✓			Yellow 203
4.FC.040LM0	F D & C RED 40 ALUM LAKE LM	<div><div></div><div></div></div>		26	16035:1	✓	✓	✓	✓	Red 201
4.FC.040LSC	F D & C RED 40 ALUM LAKE LSC	<div><div></div><div></div></div>		39	16035:1	✓	✓	✓	✓	
4.FD.006200	D & C RED 6	<div><div></div><div></div></div>		96	15850	✓	✓		✓	
4.FD.006LL2	D & C RED 6 Barium Lake LL 2	<div><div></div><div></div></div>		23	15850:2	✓	✓		✓	
4.FD.006LM2	D & C RED 6 Barium Lake LM2	<div><div></div><div></div></div>		47	15850:2	✓	✓		✓	Red 202
4.FD.006LS2	D & C RED 6 Barium Lake LS2	<div><div></div><div></div></div>		67	15850:2	✓	✓		✓	
4.FD.007100	D & C RED 7	<div><div></div><div></div></div>		91	15850:1	✓	✓		✓	
4.FD.007LC0	D & C RED 7 Ca LAKE ~52% BaFree	<div><div></div><div></div></div>		52	15850:1	✓	✓		✓	
4.FD.007LD0	D & C RED 7 Ca LAKE ~70%	<div><div></div><div></div></div>		73	15850:1	✓	✓		✓	Red 202
4.FD.007LE0	D & C RED 7 Ca LAKE ~30%	<div><div></div><div></div></div>		35	15850:1	✓	✓		✓	Red 202
4.FD.007LF0	D & C RED 7 Ca Lake LF 17-22%	<div><div></div><div></div></div>		20	15850:1	✓	✓		✓	Red 202
4.FD.021LM0	D & C RED 21 ALUM LAKE MS	<div><div></div><div></div></div>		15	45380:3	✓	✓		✓	Red 230(1)
4.FD.022LSC	D & C RED 22 AL LAKE SC	<div><div></div><div></div></div>		20	45380:3	✓	✓		✓	
4.FD.027L00	D & C RED 27 LAKE ~ 24%	<div><div></div><div></div></div>		22	45410:2	✓	✓		✓	
4.FD.027LM0	D & C RED 27 AL LAKE MS	<div><div></div><div></div></div>		18	45410:2	✓	✓		✓	
4.FD.028LL0	D & C RED 28 ALUM LAKE ~ 22%	<div><div></div><div></div></div>		22	45410:2	✓	✓		✓	Red 104(1)
4.FD.030000	D & C RED 30	<div><div></div><div></div></div>		95	73360	✓	✓		✓	Red 226
4.FD.030LS0	D & C RED 30 ALUM LAKE ~36	<div><div></div><div></div></div>		36	73360:1	✓	✓		✓	Red 226
4.FD.030LT0	D & C RED 30 TALC LAKE MS 30-34%	<div><div></div><div></div></div>		32	73360:1	✓	✓		✓	Red 226
4.FD.033LM0	D & C RED 33 ALUM LAKE LM	<div><div></div><div></div></div>		18	17200:1	✓	✓ 2		✓	Red 227
4.FD.034000	D & C RED 34	<div><div></div><div></div></div>		82	15880:1	✓			✓	Red 220
4.FD.036000	D & C RED 36	<div><div></div><div></div></div>		95	12085	✓	✓ (3%)		✓ (3% Max)	Red 228
5.FC.001LLX	F D & C BLUE 1 ALUM LAKE LLX	<div><div></div><div></div></div>		12	42090:2	✓	✓	✓	✓	Blue 1
5.FC.001LM0	F D & C BLUE 1 ALUM LAKE LM	<div><div></div><div></div></div>		20	42090:2	✓	✓	✓	✓	Blue 1
8.FD.0020NK	D & C BLACK 2 SPECIAL NN	<div><div></div><div></div></div>		40-60	Mixture	✓ 4	✓ 4	✓ 4	✓	Carbon Black (Non-nano)
8.FD.002000	D & C BLACK 2	<div><div></div><div></div></div>		95	77266	✓ 4	✓ 4	✓ 4	✓	Carbon Black

stain colors

US FDA										
Code	Description	Shade	Avg % Color Content	Color Index	Cosmetics and Toiletries Externally Applied	Cosmetics: Lip Products	Cosmetics: Eye Products	EC 1223/2009	Japanese Reference	
2.FD.00500K	D & C ORANGE 5 K	<div><div></div><div></div></div>	90	45370:1	✓	✓ 3		✓	Orange 201	
4.FD.02100K	D & C RED 21 K	<div><div></div><div></div></div>	95	45380:2	✓	✓		✓	Red 223	
4.FD.02700K	D & C RED 27 K	<div><div></div><div></div></div>	90	45410:1	✓	✓		✓	Red 218	

inorganic pigments

US FDA										
Code	Description	Mass Tone	Tint Tone 1/50	Color Index	Cosmetics and Toiletries Externally Applied	Cosmetics: Lip Products	Cosmetics: Eye Products	EC 1223/2009	Japanese Reference	
1.IO.0042N0	SPECTRA IRON OXIDE YELLOW	<div><div></div><div></div></div>		77492	✓	✓	✓	✓	Yellow Iron Oxide	
3.IO.0010NK	SPECTRA IRON OXIDE LIGHT BROWN	<div><div></div><div></div></div>		Mixture	✓	✓	✓	✓	Red, Black, Yellow IO	
3.IO.V62700	SPECTRA IRON OXIDE BROWN AV627	<div><div></div><div></div></div>		Mixture	✓	✓	✓	✓	Red, Black, Yellow IO	
4.IO.010N00	SPECTRA IRON OXIDE RED	<div><div></div><div></div></div>		77491	✓	✓	✓	✓	Red Iron Oxide	
5.PI.0027F0	SPECTRA IRON BLUE E/F	<div><div></div><div></div></div>		77510	✓	✓	✓	✓	Ferric Ferrocyanide	
8.IO.0011N0	SPECTRA IRON OXIDE BLACK	<div><div></div><div></div></div>		77499	✓	✓	✓	✓	Black Iron Oxide	
5.PI.0029F0	SPECTRA FDA ULTRAMARINE BLUE	<div><div></div><div></div></div>		77007	✓		✓	✓	Ultramarine	
7.PI.0015H0	SPECTRA ULTRAMARINE PINK BC	<div><div></div><div></div></div>		77007	✓		✓	✓	Ultramarine	
7.PI.0015C0	SPECTRA ULTRAMARINE VIOLET	<div><div></div><div></div></div>		77007	✓		✓	✓	Ultramarine	
7.PI.0016F0	SPECTRA MANGANESE VIOLET	<div><div></div><div></div></div>		777742	✓	✓	✓	✓	Manganese Violet	
5.PI.0015EC	SPECTRA PHTHALO BLUE 15 EEC	<div><div></div><div></div></div>		77007				✓		
6.PI.0007Q0	SPECTRA PHTHALO GREEN 7 EEC	<div><div></div><div></div></div>		74260				✓ A		

US

✓ = Allowed Usage in Cosmetics by the FDA regulations
1 = Lipsticks, Mouthwashes & Dentifrices that are ingested cosmetics - NTE 5% by weight
2 = Cosmetic lip products NTE 3% by weight of finished cosmetic product
3 = Lipsticks NTE 3% by weight of finished cosmetic product
4 = D&C Black No. 2 may be only used in applications described in 21 CFR 74.2052

EU

✓ = Allowed Usage in All Cosmetics by the EU regulations
A = Allowed in all cosmetics products except those intended to be applied in the vicinity of the eyes, in particular eye make-up and eye make-up remover
B = max concentration is 10% in ready-to-use cosmetic preparations.

GLOBAL PIGMENTS FOR COSMETICS

DISCLAIMER: Shades may vary based on final formulation and/or application substrate. Please contact Spectra Colors for additional Technical Assistance.



NEW PRODUCTS / PRODUCT HIGHLIGHTS

UNIQUE RED SHADES

D & C RED 6 Barium Lake LM2 - This variance of Red 6 Lake was developed to offer a more subtle Red 6 with a unique orange hue. It is a favorite for Liptint and Lipstick.

- Code: 4.FD.006LM2 - D & C RED 6 Barium Lake LM2

D & C Red 7 Ca Lake - Barium Free ~52% - This special development by Spectra offers a distinctive shade, bold and bright yellowish red, ideal for lipsticks and nail polish.

- Code: 4.FD.007LC0 D & C RED 7 Ca LAKE ~52% BaFree

both products offer

- Micronized Particle Size: that helps to achieve homogenous dispersions.
- Low Heavy Metals
- The ability to generate a new palette of shades for all applications.



what can we offer?

QUALITY ASSURANCE: BATCH TO BATCH CONSISTENCY

TECHNICAL SUPPORT

- Broad knowledge and experience in the dye/pigment industry
- Custom Color Matching
- New Product Development

LOW HEAVY METALS: WE OFFER THE LOWEST LEVELS IN THE INDUSTRY!

NEW TECHNOLOGY

SPECIAL CARBON BLACK

D & C BLACK 2 SPECIAL NN (SPECIAL CARBON BLACK)

All existing Carbon Blacks in the market are known for handling issues (dust) and challenges to disperse in your carrier. For this reason, we have developed a FDA Compliant Special Carbon Black

- Code: 8.FD.0020NK D & C BLACK 2 SPECIAL NN
- INCI Name: CI# 77266 (D & C Black 2 /Carbon Black) - see TDS for other components

key features

- Bold/Intense Black
- Non- Nano Particle Size
- No grinding needed. Easily dispersible
- Granules - Dust Free!
- Dispersible in Water
- FDA and EU Compliant **
- No more milling!!
- Kosher and Halal Compliant

typical application

EYELINER, MASCARA, LIPSTICK,
NAIL ENAMEL AND HAIR SHAMPOO



GLOBAL REGULATORY COMPLIANCE

- US FDA certified to 21 CFR parts 74 and 82
- EU Cosmetic Regulation No. 1223/2009
- EU REACH per (EC) No 1907/2006
- China Technical Safety Standards for Cosmetics (TSSC 2015)
- Japanese MHLW standards for cosmetics
- Korean MFDS standards for cosmetics
- Kosher and Halal Compliant





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QUESTIONS OR COMMENTS?

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