

ALIZARINE REDS AND MAROONS

Alizarine Reds are made by the precipitation of alizarine dyestuffs on a mixed base inert. They possess fair covering power, excellent light and alkali resistance, and good heat and acid resistance. They are suitable for lacquer as well as for paint and enamel purposes as they are non-bleeding in varnish, water, paraffin, coal tar thinners, and alcohol (except 88 C 9 which bleeds in alcohol). Baking is satisfactory at 230°F. Alizarine Reds are also used in resin and water emulsion paints.

In special tests, Alizarine Red 88 C 9 in full shade proved to have fair resistance to bleaching solutions such as Clorox.

<u>Principal Standards</u>			<u>Special Standards</u>		
<u>S-W Code</u> <u>No.</u>	<u>PC&C</u> <u>Code No.</u>	<u>Description</u>	<u>S-W Code</u> <u>No.</u>	<u>PC&C</u> <u>Code No.</u>	<u>Description</u>
88 C 9	10132	Deep Red shade. Not suited for lacquers. Has very good light resistance.	88 C 2	--	Intermix for 8805.
8800	10322	Deep Red shade. Same shade as 88 C 9, but non-bleeding in lacquers.	(88 C 11)	10484	Stir-in pulp. Slightly yellower than 88 C 9. Much stronger than (88 C 4). Non-ionic surfactant. Recommended for all types of emulsions. 25% solids.
8805	10352	Maroon shade. Considerably deeper than 8800. Non-bleeding in lacquers.	(88 C 4)	10427	Pulp of 88 C 9. Anionic surfactant. 32% solids.

PYROLUX MAROON

Pyrolux Maroon is a calcium salt of Heliofast Rubine FF, a sulfonated anthraquinone dye, laked with aluminum hydrate. It has good resistance to discoloration due to heat and very good permanence.

<u>S-W Code</u> <u>No.</u>	<u>PC&C</u> <u>Code No.</u>	<u>Description</u>
88 Y 1	10411	Same shade range and considerably brighter than Permachrom Maroon 8716 or Plasticone Maroon 10458. About the same strength as Alizarine Maroon 8805, but considerably yellower and brighter. Good resistance to heat and light in full shade or tint. Suggested as a Rhodamine substitute used with Polaris Red. See Technical Bulletin C-59.

FLUSHED ALIZARINE REDS

<u>S-W Code</u> <u>No.</u>	<u>PC&C</u> <u>Code No.</u>	<u>Pigment Name</u>	<u>Pigment</u> <u>Type</u>	<u>%</u> <u>Pigment</u>	<u>% Others</u>	<u>Wt./Gal.</u>
<u>Flushed in Soya Alkyd (39 C 65)</u>						
(88 C 14)	FL-10-102	Alizarine Red	88 C 9	35%	35% Resin Solids 30% (145)	9.0
<u>Flushed in Soya Alkyd (3966)</u>						
(88 C 5)	FL-10-104	Alizarine Red	88 C 9	36%	51% Resin Solids 11% (145)	9.3

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CLASS 8800

Organic Reds, Non-Azo

(Rose Pink, Rhodamine, Alizarine, Indigo)

0007-PMC-000000449

N15560.01

I. ALIZARINE LAKES

A. Pigments

Number	Name	Oil Abs. SW 419.2	Bulk G/100#	Remarks
88 C 9	Alizarine Red Lake	33	6.82	Non-bleeding
8800	Alizarine Red Lake	33	6.82	
8805	Alizarine Maroon Dark	54	6.28	
88 C 2	Intermix for 8805	54	6.28	

B. Dispersions

Number	Name	Remarks
88 C 4	Carmin Water Pulp, 32%	Emulsions
88 C 5	Alizarine Maroon Flushed, 38%	
88 C 11	Alizarine Red Pulp, 25%	

Remarks

ALIZARINE LAKES are alizarine dyestuffs precipitated on a mixed base.

They have fair covering, excellent light and alkali resistance and good heat and acid resistance. They are essentially non-bleeding except 88 C 9 which bleeds in alcohol. Baking is satisfactory at 230°F.

88 C 9 Typical light maroon shade; unsuitable for lacquers; CP Dept. indicates that 88 C 9 and 8800 are now equivalent and the latter is the preferred assignment.

8800 Standard light maroon; non-bleed, same shade and 88 C 9.

8805 Dark maroon shade.

II. RHODAMINES

A. Pigments

Number	Name	Oil Abs. SW 419.2	Bulk G/100#	Remarks
8840	Solfast Rhodamine Y	40	4.56	
8841	Solfast Rhodamine B	44	4.76	

Remarks

SOLFAST RHODAMINES are prepared by precipitation of Rhodamine dyestuffs with phosphotungstic and molybdic acids.

They have a brilliant shade and good light resistance, but do not meet severe durability requirements.

8840 Typical rose shade.

8841 Bluer than 8840; permanence of tint not quite as good.

III. MISCELLANEOUS NON-AZO REDS

A. Pigments

Number	Name	Bulk G/100#	Remarks
88 C 1	Thio Fast Red MV 6606	6.80	
88 D 6	Thio Fast Red MV 6606	6.80	Use 88 C 1
8810	Indo Maroon MV 6608	7.65	
88 D 4	Intermix for 8810	7.65	
88 C 12	Thio Indigo Maroon MV 6613	6.80	
88 D 8	Indo Maroon MV 6624	7.65	
88 D 7	Indo Red MV 6632	7.10	Use 88 C 10
88 C 10	Indo Red MV 6632	7.10	
88 D 5	Indo Orange Lake E 10314	6.12	
88 D 9	Indo Red Lake E 10315	6.80	
88 D 11	Indo Red Lake E 11336	6.78	
88 C 8	Helio Fast Rubine		
88 F 7	RBH 6232 Alizarine Maroon	8.25 #/gal.	
88 A 1	Neon Red 114-492	7.80	Restr. Graphic Arts
88 A 2	Rocket Red 114-519	7.80	Restr. Graphic Arts
88 A 3	Sun Bonded Neon Red	8.92	Restr. Graphic Arts
88 A 4	Sun Bonded Rocket Red	8.92	Restr. Graphic Arts

B. Dispersions

88 D 10	Flushed Indo Maroon	8.22 #/gal.
88 D 12	Red RS N/C Chips	8.63 bulk
88 F 3	Red Violet Pulp MV 61	
88 F 4	Deep Red Violet MV 6675 Presscake	
88 F 5	Lithosol Pink SVP Paste	
88 F 6	Thio Indigo Maroon CAB Chip	10.35 bulk
88 F 8	Vat Pink F.F. Presscake	