

Pigment Dispersions for Epoxy Coatings Systems

Colormatch® pigment dispersions for epoxy applications consist of organic and inorganic pigments milled in either 100% solids epoxy resins or EDC product line carrier vehicle.

These resins are compatible with a wide range of solvent borne and 2 component epoxy systems.

Primary applications include: concrete protective coatings, high build terrazzo flooring, industrial maintenance paints, and other high performance protective coatings.

A list of standard colors for epoxy applications is included on the backside of this sheet. Along with these standard colors, Plasticolors offers additional colors as well as custom color matched blends.

Packaging

Plasticolors' dispersions for epoxy systems are available in a variety of packaging, including:

5-gallon plastic pails, providing five gallons of material ranging from 40 to 70 pounds.

55-gallon steel drums, providing 55 gallons of material ranging from 450 to 700 pounds.

Special packaging is also available. Call our office for more information.

5-gallon plastic pails with optional pour spout lids are ideal for lower viscosity dispersions such as the "EDC" product line.

Plastibulk returnable semi-bulk tanks containing 250 to 440 gallons of material.

Gallons Quarts Pints



Storage

Containers should be tightly sealed when not in use. This will prevent the absorption of atmospheric moisture and minimize the chance of airborne contamination. Containers should be stored in a manner as to protect them from temperature extremes (32-120°F). Material should be mixed prior to use if stored over 30 days.

Product Line	Prefix	Description
Colormatch®	ED Series	Epoxy-based paste pigment dispersions. Resin consists of 100 percent solids with an EEW of 185 to 192. Benefits include high pigment loading for excellent color control and economy of use.
Colormatch®	EDC Series	Pigment dispersions formulated with epoxy resins, surfactants and other additives to provide such special characteristics as lower viscosity or improved compatibility with difficult to pigment systems.



ED & EDC Series Technical Data

Product Code	Description	CI Name	Chemistry	%Pigment		% Epoxy		Weight/ Gallon, lbs.	Pigment Lightfastness	
				X Wt.	X Vol.	X Wt.	X Vol.		Mass	Tint
ED-1018	White	White 6	Titanium Dioxide	45.5%	19.1%	54.5%	80.9%	14.31	E	E
ED-20728	Carbon Black	Black 7	Carbon Black	11.0%	7.4%	89.0%	92.6%	10.04	E	E
ED-20892	Lampblack	Black 7	Carbon Black	14.0%	9.5%	86.0%	90.5%	10.14	E	E
ED-2035	Utility Black	Black7	Carbon Black	28.8%	20.6%	71.2%	79.4%	10.74	E	E
ED-3039	Ultramarine Blue	Blue 29	Na, Al Silicate	45.0%	29.6%	55.0%	70.4%	12.35	E	E
ED-03078	Phthalo Blue RS	Blue 15:2	Phthalocyanine	12.5%	11.1%	87.5%	88.9%	9.79	E	E
ED-5013	Phthalo Green BS	Green 7	Phthalocyanine	23.5%	14.5%	76.5%	85.5%	10.78	E	E
ED-08105	Organic Yellow	Yellow 151	Benzimidazolone	20.0%	16.2%	80.0%	83.8%	10.10	E	E
ED-80222	Organic Yellow RS	Yellow 83	Diarylide	25.0%	21.6%	75.0%	78.4%	10.08	E	E
ED-8033	Yellow Oxide	Yellow 42	Iron Oxide	37.7%	14.8%	62.3%	85.2%	13.20	E	E
ED-06040	Organic Orange	Orange 34	Disazopyrazolone	15.4%	13.1%	84.6%	86.9%	9.91	G	F
ED-7027	Red Oxide	Red 101	Iron Oxide	53.8%	21.6%	46.2%	78.4%	16.36	E	E
ED-70216	Organic Red	Violet 19	Quinacridone	16.5%	13.2%	83.5%	86.8%	10.02	E	E
ED-07167	Azo Red	Red 144	Diazo	18.0%	14.5%	82.0%	85.5%	10.05	E	G
EDC-10431	Super White	White 6	Titanium Dioxide	75.0%	44.2%	23.5%	52.7%	19.61	E	E
EDC-20470	Black	Black 7	Carbon Black	27.9%	19.4%	71.2%	79.7%	10.39	E	E
EDC-20544	Black Iron Oxide	Black 11	Iron Oxide	44.5%	15.1%	55.6%	84.9%	13.90	E	E
EDC-20681	Super Black	Black 7	Carbon Black	35.0%	23.8%	58.0%	68.0%	10.21	E	E
EDC-20682	Utility Black	Black7	Carbon Black	25.0%	16.8%	70.0%	77.6%	9.80	E	E
	Phthalo Blue RS		Phthalocyanine						E	E
EDC-50119	Phthalo Green BS	Green 7	Phthalocyanine	25.0%	14.8%	71.3%	80.9%	10.06	E	E
EDC-80360	Diarylide Yellow	Yellow 14	Diarylide	22.5%	18.0%	72.5%	76.7%	9.30	G	F
EDC-80490	Organic Yellow RS	Yellow 83	Diarylide	25.0%	20.0%	70.0%	74.6%	9.34	E	E
EDC-80326	Yellow Oxide	Yellow 42	Iron Oxide	60.0%	28.0%	37.9%	68.3%	15.70	E	E
EDC-70411	Red Oxide	Red 101	Iron Oxide	68.6%	31.9%	30.0%	65.1%	18.94	E	E
EDC-70548	Red Oxide BS	Red 101	Iron Oxide	54.0%	21.6%	42.0%	71.0%	16.29	E	E
EDC-70300	Azo Red	Red 144	Diazo	20.0%	14.5%	78.7%	84.3%	9.02	E	G
EDC-70428	Quinacridone Red	Violet 19	Quinacridone	20.0%	14.9%	75.0%	79.8%	9.29	E	E