



PRODUCTS FOR COATINGS AND COMPOSITES

PIGMENT DISPERSIONS FOR EPOXY APPLICATIONS

The Chroma-Tek® CDX line of pigment dispersions are dispersed in a 100% reactive, low viscosity liquid bisphenol-A based epoxy resin diluted with Alkyl glycidyl ether. The Weight per Epoxide of this resin is 195-215. It is an excellent resin for wetting all types of organic and inorganic pigments.

Typical applications include:

Lab countertops, industrial flooring, protective coatings, potting, encapsulation, adhesives, and sealants.

AOC has a full range of epoxy based inorganic and organic colors to choose from. Custom colors can be created by our team of experienced pigment R&D personnel.

QUALITY CONTROL

The quality of Chroma-Tek® dispersions is controlled through the most sophisticated computerized color analyzing equipment available. Spectrophotometry minimizes metamerism, speeds color matching, ensures that specifications are met, and batch to batch consistency is maintained.

STORAGE STABILITY

Pigment dispersions are stable for twelve months from date of production when stored in the original containers away from sunlight at no more than 77°F/ 25°C. Keep containers tightly sealed when not in use. Store pigment dispersions in a cool, dry place. Avoid contamination with moisture, catalysts, promoters, or dusts.

SAFETY

See appropriate Material Safety Data Sheet for guidelines.



AVAILABLE PACKAGING

- 5 gallon plastic pails, 40 to 65 pounds of material
- 55 gallon steel drums, 450 to 600 pounds of material
- Disposable plastic totes in various sizes

ISO 9001:2008 CERTIFIED

The Quality Management Systems at every AOC manufacturing facility have been certified as meeting ISO 9001:2008 standards. This certification recognizes that each AOC facility has an internationally accepted model in place for managing and assuring quality. We follow the practices set forth in this model to add value to the resins we make for our customers.

The information contained in this data sheet is based on laboratory data and field experience. We believe this information to be reliable, but do not guarantee its applicability to the user's process or assume any liability for occurrences arising out of its use. The user, by accepting the products described herein, agrees to be responsible for thoroughly testing each such product before committing to production.

Our recommendations should not be taken as inducements to infringe any patent or violate any law, safety code or insurance regulation. © 2015 AOC, LLC

EPOXY

PIGMENT

CARRIER

Masstones	Description	CI Name	Chemistry	PIGMENT		CARRIER		WPG
				<u>% Wt</u>	<u>% Vol</u>	<u>% Wt</u>	<u>% Vol</u>	
CDX-10009	White	White 6	Titanium Dioxide	50.00	22.22	50.00	77.78	13.64
CDX-10843	Super White	White 6	Titanium Dioxide	70.00	39.61	27.00	53.47	18.30
CDX-20017	Yellow	Yellow 42	Iron Oxide	40.00	15.49	60.00	84.51	12.48
CDX-30006	Blue	Blue 15:4	Phthalocyanine	15.50	11.20	84.50	88.80	9.56
CDX-30015	Blue	Blue 29	Ultra Marine	40.00	23.78	60.00	76.22	11.58
CDX-30067	Blue	Blue 15:1	Phthalocyanine	15.00	10.41	85.00	89.59	8.70
CDX-40012	Green	Green 7	Phthalocyanine	20.00	11.41	80.00	88.59	9.96
CDX-50035	Red	Red 101	Iron Oxide	60.00	26.83	40.00	73.17	16.84
CDX-50054	Red	Violet 19	Quinacridone	20.00	16.15	80.00	83.85	9.56
CDX-50064	Red	Red 170	Naphtol	20.00	16.92	80.00	83.08	9.59
CDX-70022	Brown	Red 101	Iron Oxide	73.64	38.04	26.12	61.32	20.00
CDX-80013	Black	Black 7	Carbon Black	20.00	13.26	80.00	86.74	10.06
CDX-80078	Jet Black	Black 7	Carbon Black	9.00	5.70	91.00	94.30	8.82
CDX-80181	Lamp Black	Black 7	Carbon Black	15.00	9.99	85.00	90.01	9.67