



## CHROMA-CHEM® 896

### Pigment Dispersions for Water-Based Coatings

**CHROMA-CHEM® 896 colorants are designed for use in a wide variety of water-based industrial coatings. The colorants are exceptional for universal tinting through depot (i.e. point-of-sale) or in-plant tinting.**

#### Key Benefits

The CHROMA-CHEM® 896 colorants are based upon a water-reducible acrylic resin. They can be used in water-reducible and emulsion coatings in both air-dry and baking systems. This line was one of the first universal colorant systems developed for general tinting of water-based industrial coatings. Broad compatibility allows coatings manufacturers to utilize one colorant system for all water-based industrial coatings.

Each colorant contains a carefully selected and unique blend of vehicle, water, pigment and additives to yield acceptance in a wide range of aqueous coatings applications. The individual CHROMA-CHEM® 896 colorants are formulated using pigments that provide a wide range of hues that provide good durability, light fastness, and chemical resistance.

#### Applications

The CHROMA-CHEM® 896 colorants are formulated for use in most aqueous industrial coatings including, but not limited to, general industrial finishes, general OEM, industrial maintenance, and wood coatings.

#### Properties

The CHROMA-CHEM® 896 line of colorants exhibits excellent pigment development and rheological characteristics that contribute extraordinary stability to the colorant. The colorants are low VOC and glycol-free. They have little or no effect on gloss,

dry time, water resistance, hardness, corrosion, foaming, or other coating properties.

The CHROMA-CHEM® 896 Colorants are controlled to a tinting strength tolerance of  $\pm 2\%$  by volume and  $\Delta E < 0.5$ . Rheological properties of the colorants are also controlled to allow for use in volumetric tinting machines.

#### Compatibility

The CHROMA-CHEM® 896 colorants have been evaluated in a large number of maintenance and industrial coating types at 5 to 15 percent loading. Properties tested included gloss, gloss retention, hardness, adhesion, effects of over-bake and effect of acid, alkali, solvent and water resistance.

Results are consistent with the individual, typical pigment properties, and good results are expected in a wide variety of coatings applications based acrylic, acrylic/PVA emulsions, water-reducible polyester/epoxy, water-soluble alkyd, and urethane systems.

#### Shelf Life

Proper handling is essential to maintain good quality. It is recommended that the colorants be mixed prior to use. Containers should be tightly sealed when not in use. Repacking the colorant into a smaller container should be considered if the colorant level in the container is less than 20% of the original amount and will be stored for an extended period of time.

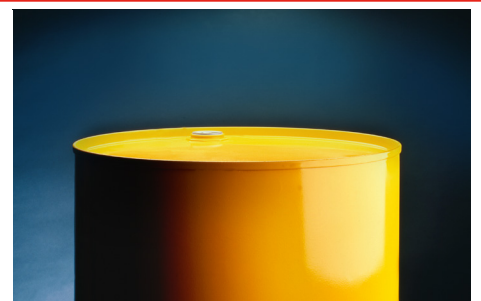
Shelf life on the CHROMA-CHEM® 896 colorants is 3 years for most colorants and 2 years for white and oxide colorants from the date of manufacture in unopened containers.



INDUSTRIAL MAINTENANCE



WOOD (SPECIAL PURPOSE)



GENERAL INDUSTRIAL FINISHES



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