

## FLUORESCENT PIGMENTS TECHNICAL INFORMATION

### General Information

Fluorescent pigments are transparent organic resin particles containing dyes that are capable of fluorescing while in a solid-state solution form. These pigments are heat resistant up to 200°F, and chemical resistant to a variety of solvents including ketones and alcohols, but should always be tolerance tested in each specific vehicle system.

**IMPORTANT:** The fluorescent pigments offered by Crescent Bronze are manufactured to be used in solvent-based systems only. These fluorescent pigments are *not* intended to be combined with water-based/latex paint resins. When combined with waterborne systems, these fluorescent pigments will thicken to a gel state.

### Mixing Technique

Pigment load: 3-4 pounds per gallon

Micron size range: 4-5

### Application Tips

For maximum fluorescent effect, these pigments should be applied over a white background.

Fluorescent colors can be combined with solvent borne opaque whites and conventional colors to create interesting fluorescent pastels or semi-fluorescent colors.

Users may experiment with combining two or more fluorescent colors to achieve a wider color spectrum of fluorescent hues.

Due to the pigment load level required, fluorescent inks and paints dry to a matte finish.

If a glossy look is desired, a clear topcoat compatible with the choice of vehicle may be used. Crescent Bronze manufactures a number of fluorescent compatible clear coats.

### Exterior use

Fluorescent pigments typically degrade outdoors rather quickly, usually within six (6) months. Several coats of a UV inhibiting clear coat can add to the life expectancy of fluorescent pigments used in exterior applications. Crescent Bronze manufactures UV inhibiting clear coats suitable for use with fluorescents.

### Questions?

Please contact us toll free if you have additional product questions: (800) 445-6810.

Crescent Bronze Powder Co., Inc., is an ISO 9001:2015 registered manufacturer.

