**PHOSPHORESCENT PIGMENTS TECHNICAL INFORMATION**

**General Information**
These pigments are transparent organic pigments containing zinc and are capable of fluorescing under normal or artificial light exposure. The phosphorescent pigments are heat resistant up to 200°F, and chemical resistant to most cleaning agents.

**Micron size range:** 4-5

**Pigment load:** 3-4 pounds per gallon

**Mixing Technique**
Mix as you would any other pigment. These pigments are compatible with any acrylic solid base and are most effective when incorporated into a medium to high solids material. They are not intended for use in a low solids system. (see fluorescent pigments for low solids application).

**Application**
Mix plenty of the prepared paint with UV inhibiting clear coat. Best results are achieved with one coat only. (see fluorescent pigments for low solids application). Pigments vs. Powder Coatings

**Disclaimers of Liability**
Crescent Bronze Pigments and Powder Coatings are sold for the sole purpose of providing phosphorescent pigments to end users. Crescent Bronze accepts no responsibility for the results obtained when using these products. Please contact Crescent Bronze for information or samples.

**Precautions**
Use of phosphorescent pigments requires special knowledge and specific equipment for proper application. Pigments and Pigment Preparations should not be used around or in proximity of children or people with potential respiratory compromise. This pigment is made up of an inorganic zinc sulfide compound that is non-toxic, non-explosive and non-flammable.

**Safety Information**
Crescent Bronze Pigments and Powder Coatings are sold for the sole purpose of providing fluorescent pigments to end users. Crescent Bronze accepts no responsibility for the results obtained when using these products. Please contact Crescent Bronze for information or samples.

**DISCLAIMER OF LIABILITY**
Crescent Bronze Pigments and Powder Coatings are sold for the sole purpose of providing fluorescent pigments to end users. Crescent Bronze accepts no responsibility for the results obtained when using these products. Please contact Crescent Bronze for information or samples.

**Application**
Due to the nature of our Pigments vs. Powder Coatings, Pigments require the use of a wet carrier or clear vehicle. Crescent Bronze pigments should be used as a “pigment-only” system. Please contact Crescent Bronze for samples or micron size information.

**PHOSPHORESCENT PIGMENTS TECHNICAL INFORMATION - CONT'D**

For glow in the dark, we suggest using our line of specialty fluorescent pigments or our line of fluorescent powder coatings. Please call 800.445.6810 for available products.

**GALLERY**

PHOSPHORESCENT PIGMENTS TECHNICAL INFORMATION - CONT'D

**General Information**
Fluorescent pigments are transparent organic pigments containing zinc and are capable of fluorescing under normal or artificial light exposure. The fluorescent pigments are heat resistant up to 200°F, and chemical resistant to most cleaning agents.

**Micron size range:** 6-130

**Pigment load:** 10-15 pounds per gallon

**Mixing Technique**
Mix thoroughly with any compatible solvent or vehicle. These pigments are most effective when incorporated into a medium to high solids material. They are not intended for use in a low solids system. (see fluorescent pigments for low solids application).

**Application**
Mix plenty of the prepared paint with UV inhibiting clear coat. Best results are achieved with one coat only. (see fluorescent pigments for low solids application). Pigments vs. Powder Coatings

**Safety Information**
Crescent Bronze Pigments and Powder Coatings are sold for the sole purpose of providing fluorescent pigments to end users. Crescent Bronze accepts no responsibility for the results obtained when using these products. Please contact Crescent Bronze for information or samples.

**DISCLAIMER OF LIABILITY**
Crescent Bronze Pigments and Powder Coatings are sold for the sole purpose of providing fluorescent pigments to end users. Crescent Bronze accepts no responsibility for the results obtained when using these products. Please contact Crescent Bronze for information or samples.

**Application**
Due to the nature of our Pigments vs. Powder Coatings, Pigments require the use of a wet carrier or clear vehicle. Crescent Bronze pigments should be used as a “pigment-only” system. Please contact Crescent Bronze for samples or micron size information.

**PHOSPHORESCENT PIGMENTS TECHNICAL INFORMATION - CONT'D**

For glow in the dark, we suggest using our line of specialty fluorescent pigments or our line of fluorescent powder coatings. Please call 800.445.6810 for available products.

**GALLERY**

PHOSPHORESCENT PIGMENTS TECHNICAL INFORMATION - CONT'D

**General Information**
These pigments are transparent organic pigments containing zinc and are capable of fluorescing under normal or artificial light exposure. The fluorescent pigments are heat resistant up to 200°F, and chemical resistant to most cleaning agents.

**Micron size range:** 10-70

**Pigment load:** 4-6 pounds per gallon

**Mixing Technique**
Mix thoroughly with any compatible solvent or vehicle. These pigments are most effective when incorporated into a medium to high solids material. They are not intended for use in a low solids system. (see fluorescent pigments for low solids application).

**Application**
Mix plenty of the prepared paint with UV inhibiting clear coat. Best results are achieved with one coat only. (see fluorescent pigments for low solids application). Pigments vs. Powder Coatings

**Precautions**
Use of fluorescent pigments requires special knowledge and specific equipment for proper application. Pigments vs. Powder Coatings should not be used around or in proximity of children or people with potential respiratory compromise. This pigment is made up of an inorganic zinc sulfide compound that is non-toxic, non-explosive and non-flammable.

**Safety Information**
Crescent Bronze Pigments and Powder Coatings are sold for the sole purpose of providing fluorescent pigments to end users. Crescent Bronze accepts no responsibility for the results obtained when using these products. Please contact Crescent Bronze for information or samples.

**DISCLAIMER OF LIABILITY**
Crescent Bronze Pigments and Powder Coatings are sold for the sole purpose of providing fluorescent pigments to end users. Crescent Bronze accepts no responsibility for the results obtained when using these products. Please contact Crescent Bronze for information or samples.

**Application**
Due to the nature of our Pigments vs. Powder Coatings, Pigments require the use of a wet carrier or clear vehicle. Crescent Bronze pigments should be used as a “pigment-only” system. Please contact Crescent Bronze for samples or micron size information.
products may discolor Chromatone extremely important to test these and any other products used as manufacturer’s application recommendations. And followed up with an appropriate primer. Again, check for satisfactory adhesion. Glossy surfaces must be lightly sanded and primed. Consult the manufacturer’s specifications for surface preparation and always follow the manufacturer’s recommendations for product use.

Surface Preparation

HLVP and conventional air spray should be used with an agitator to assure the pigments and liquids are constantly mixed. Unless otherwise noted, mixing technique and air pressure used will vary. Proper mixing is necessary for best results. For example, the use of these pigments in an exterior application is sensitive to dispersion and are not intended for use in water-based systems.

Mixing Technique

Fluorescent pigments are transparent organic resin particles containing fluorescent dyes that are capable of fluorescing while in a solid-state solution form. Due to this property these pigments are not compatible with a variety of vehicle systems, including latex, acrylics, water-based systems and are not intended for use in water-based systems. Flocculation or “wetting” of the pigment in a solvent compatible with the paint vehicle will allow for the effective abatement of these problems.

Applications

Fluorescent pigments are formulated to be used in a wide range of applications including interior projects. These pigments are compatible with a variety of vehicle systems, can be mixed with either acrylic, oil, latex or alkyd resins, and are not intended for use in water-based systems. This makes them popular for use on almost any interior or exterior properly primed surface including metal, wood, plaster and certain plastic surfaces.

General Information

Water-reducible Latex – A vinyl acrylic co-polymer water-based formulation suitable for use on almost any properly primed surface including metal, wood, plaster and certain plastic surfaces. Not recommended for direct to metal without a proper primer.

Acrylic Lacquer – A durable, alkyd enamel suitable for use on almost any properly primed surface including metal, wood, plaster and certain plastic surfaces.

Medium Oil Alkyd Enamel – A durable, alkyd enamel suitable for use on almost any properly primed surface including metal, wood, plaster and certain plastic surfaces. These pigments are compatible with a variety of vehicle systems, can be mixed with either acrylic, oil, latex or alkyd resins, and are not intended for use in water-based systems. This makes them popular for use on almost any interior or exterior properly primed surface including metal, wood, plaster and certain plastic surfaces.

Modified Alkyd Enamel – A durable, alkyd enamel suitable for use on almost any properly primed surface including metal, wood, plaster and certain plastic surfaces. These pigments are compatible with a variety of vehicle systems, can be mixed with either acrylic, oil, latex or alkyd resins, and are not intended for use in water-based systems. This makes them popular for use on almost any interior or exterior properly primed surface including metal, wood, plaster and certain plastic surfaces.

FIRE & ICE - SPECIAL EFFECTS

Essential Information

Light Reflectance in degrees: high (180!), medium (75°), low (45°), very low (0°). A more individual look can be obtained by using a mix of different micros. In general, the more micros, the higher the light reflectance.

Fire: 1-2 pounds per gallon

Iron Oxide: 1-2 pounds per gallon

Metallic Pigments

Surface Preparation

* Preparing the substrate for the application of the pigment is very important. Failure to properly prepare the substrate will result in poor performance and unacceptable finishes. Please consult our product Safety Data Sheets (SDS) for guidelines and precautions for coating application.

Applications

For best results, use pearlescent pigments in a clear base applied over a scratch and chip resistant finish. This product has excellent adhesion to primered drywall, plaster, concrete and some plastics. Not recommended for direct to metal without a proper primer.

DISCLAIMER OF LIABILITY

Technical Information

Technical Data Sheets for Crescent Bronze paint systems are available. Please contact Crescent Bronze for micron size information on any pigment not listed on the color card or at www.crescentbronze.com. Please consult our product Safety Data Sheets (SDS) for guidelines and precautions for coating application. Please consult our product Safety Data Sheets (SDS) for guidelines and precautions for coating application. Please consult our product Safety Data Sheets (SDS) for guidelines and precautions for coating application.
Chromatone® is a line of pre-mixed, water-based metallic paints in 12 popular colors. Chromatone latex paints are formulated for interior applications on a variety of properly primed or previously painted surfaces. Chromatone color options are also available in pigment form (P) and in any of our full range of paint systems.

**PALE GOLD**  
**RICH GOLD**  
**RICH PALE GOLD**  
**DEEP GOLD**  
**COPPER**  
**ANTIQUE**  
**DESIGNER TONES**  
**PELABRIENT COLORS**  
**FLUORESCENT/MASTER COLORS**  
**CHROMATONE®**  

Fluorescents are available in solvent-based systems only.

**FIRE & ICE COLORS**

- **Ruby Ice #3255**
- **Sapphire Ice #3256**
- **Diamond Ice #3254**
- **Golden Ice #3254**

Product Technical Information on reverse side.