



Technical Data Sheet

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Wildfire Invisible Clear Color Fluorescent Pigmented Acrylic Polyurethane Blacklight Color Balanced Brush, Roll or Spray Apply Super Saturated Pigmentation The Most Powerful Luminescence Available



Invisible Clear Color

Sheen Leveler

Invisible Clear Colors

Invisible Green (WF301)
Invisible Red (WF302)
Invisible Yellow (WF303)
Invisible Blue (WF304)
Invisible White (WF305)
Invisible Black (WF306)

Protective Sealer

Sheen Leveler (WF307)

Modern Masters Wildfire Luminescent Paint the leading edge in UV visual effects paints and coatings for all entertainment industries, including television and motion picture studios, theme parks, themed attractions as well as prominent Dark Ride Design/Builders and Haunted House builders and night club venues.

Modern Masters' latest breakthrough in fluorescent coatings is **Wildfire Invisible Clear Color**, a unique addition to the Wildfire family of brilliant, color balanced, UV activated paints. Invisible Clear Color, when applied under normal lighting conditions, over any previously painted surface, appears to be a typical, low sheen, protective clear top coat. But, when UV blacklight is applied Wildfire Invisible Clear Color comes to life with the maximum color brilliance you've come to expect from Wildfire!

Wildfire Invisible Clear Color line includes 6 invisible colors, Green, Red, Yellow, Blue, White and Black. Also included in the line is **Wildfire Sheen Leveler**. Sheen Leveler is for use over invisible clear colors only. Images created with Invisible Clear Colors may still be detected in visible light due to variations in sheen. To eliminate the visible variation in sheen apply 1 to 2 coats of "Sheen Leveler" over the painted image and surrounding area.

Surface Preparation – Follow standard practices and procedures for properly preparing surfaces for the

application of traditional water-based acrylic paint. All surfaces to be painted must be entirely free of dust, dirt, oil, grease, and other contaminants. Completely remove all loose, flaking, or chalking paint from the surfaces. Use a NIOSH approved respirator when sanding and when working with old, loose paint particles. Provide adequate ventilation. **Note:** For best results apply over a smooth primed white surface. Properly prime the clean, dry surface with a white primer from our **recommended list of primers** and allow the surface to dry completely—preferably overnight. **Note:** Lower temperature and higher humidity will lengthen the dry and cure times of primers.

Recommended Primers:

Bulls Eye 1-2-3 by Zinsser

Sierra Griptec by Rustoleum

Substrates: previously painted surfaces, muslin or canvas, unfinished drywall, textured drywall, vinyl siding & shutters, paneling and wall covering, masonry & brick, cured stucco, cast concrete, Hardiboard & Hardiplank, unfinished plywood, particle board, galvanized metal, direct to clean metal, PVC piping, Tile or Laminate.

For MSDS and Technical Data Sheets for these primers go to www.modernmasters.com and search in our technical section of the web site.

For Architectural Specifications visit ARCAT.com and search for Modern Masters Inc. or under a specific product name.

Application Conditions – Wildfire Paints are meant for interior surfaces only. Keep away from direct sunlight as the fluorescent pigments will fade in approximately 3 months or less when exposed to sunlight. Do not apply in temperatures below 50°F/10°C or above 80°F/27°C. Optimal conditions are 60° F (16°C) to 80° F (27°C) and 30% to 60% relative humidity.

Note: Lower temperatures and/or higher humidity will lengthen the dry and cure times. Higher temperatures and/or lower humidity will speed up the dry and cure times.

Stir thoroughly before use, **Do Not Shake!**

Application – Modern Masters Wildfire Invisible Clear Color is ready to use, do not dilute. For best results apply with an airbrush, HVLP spray equipment, artist brushes or low nap varnish roller. Apply over a properly primed or painted, with a low sheen acrylic paint, interior surface. Maximum brilliance is achieved over lighter colors. **Do Not Use** over a slick or glossy surface.

Brushing: Use a high-quality brush recommended for water-based paints.

Rolling: When rolling, work in approximately 2 to 4-foot wide sections, keeping a wet edge. Use a short nap varnish roller.

Spraying: Wildfire Invisible Clear Color looks best when spray applied. Stir the paint well before using. To spray Wildfire Paint, use an airbrush or an HVLP gun. Multiple thin coats are more effective than thick coats and produce a more uniform finish. When spraying, use a properly-fitting, NIOSH approved respirator per the manufacturer's instructions.

Tinting –Wildfire Invisible Clear Color cannot be mixed effectively to create custom colors, but subtle shade differences can be achieved by slowly building multiple coats of the same color.

Dry Times –Recoat time is approximately ½ an hour. Note: Dry time is approximately 1 hour. Lower temperature and/or higher humidity will lengthen the dry and cure times. Higher temperatures and/or lower humidity will speed up the dry and cure times.

Protective Clear Coating – A protective is not necessary. For total invisibility, apply one or two coats of **Wildfire Sheen Leveler** over the entire completed project. Allow your project to dry 24 to 48 hours before applying.

Coverage – One gallon/3.78 liters of **Wildfire Clear Invisible Color** will cover approximately 200 to 240 square feet/ 18 to 22 square meters. One gallon/3.78 liters of **Wildfire Sheen Leveler** will cover approximately 300 to 400 square feet/ 27 to 36 square meters.

Clean Up – Clean brushes, rollers, tool, and equipment with soap and warm water immediately after use. Do not reuse containers and properly dispose of empty containers. Promptly wipe up spills with a damp cloth.

VOC: Wildfire Invisible Clear Colors are compliant under SCAQMD Rule: 1113, Graphic Arts Coatings category and contains <150 grams per liter of VOC, regulatory measurement. The Wildfire Sheen Leveler contains <150 grams /liter VOC. The VOC content for each color is available upon request. Wildfire Paints contain No Hazardous Air Pollutants.

Handling & Storage – Close tightly all containers when not in use. Store in a cool, dry place, away from direct sunlight. **Do not freeze.** If Wildfire paints become frozen, allow the paint to completely thaw and come to room temperature before use. **Stir thoroughly before use.**

Disposal – Dispose of unused or unwanted product in accordance with local laws regulating water-based coatings.

Health & Safety – Use in a well-ventilated area. Avoid contact with eyes. Wash hands thoroughly with soap and warm water after use. Do not take internally. When spraying or sanding, use a properly-fitting, NIOSH approved respirator per the manufacturer's instructions. **Warning!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead

Skin contact: Thoroughly wash with soap and warm water before the coating dries. Individuals with sensitive skin may require gloves.

Eye contact: Rinse with clean water for 15 minutes. Seek medical attention.

Inhalation: To help prevent irritation, use only in well-ventilated areas. If irritation occurs, move to fresh air. If irritation persists, seek medical attention.

Ingestion: Do not induce vomiting. Seek medical attention.

Read the Material Safety Data Sheet for Additional Health and Safety Information.

Warranty – This product will perform as claimed if directions are followed. Directions are as complete as possible, but cannot encompass all conditions, applications, techniques, and/or surfaces, which are beyond our control. Warranty is limited to replacement or refund value of product actually used, if such product

proves defective within two years of manufacture. No other warranty is expressed or implied.

Technical Assistance – For additional technical assistance contact our Technical Department at 818-683-0201 or e-mail technical@modernmasters.com.

Disclaimer: Modern Masters, Inc. believes, to the best of its knowledge, information, and belief, the information contained herein to be accurate and reliable as of the date of this material safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials and makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained

Container Size	Container Weight Under
1 Six ounce	1 lbs.
1 Pint	2 lbs.
1 Quart	3 lbs.
1 Gallon	12 lbs.
1 5 Gallon	60 lbs.