



FLUORESCENT CONCENTRATES

TECHNICAL DATA SHEET



Check local VOC regulations to ensure compliance of all products in your area.

DESCRIPTION

Fluorescent Concentrates are a line of intense, eye-catching colors for creating custom graphics.

FEATURES

- Extra bright colors
- High visual impact
- Compatible with multiple paint technologies

SUITABLE SUBSTRATES

- Base Colors Bright White
- Paste Pearls
- Lightning FX
- Flakes

TYPICAL PROPERTIES

| Part: | Product Name: | Color: | Container: |
|-------|--------------------------|------------------|------------|
| 03208 | Fluorescent Concentrates | Fireball | Pint |
| 03218 | Fluorescent Concentrates | Caliente | Pint |
| 03228 | Fluorescent Concentrates | Stop Lite | Pint |
| 03238 | Fluorescent Concentrates | Maui Blue | Pint |
| 03248 | Fluorescent Concentrates | Mean Green | Pint |
| 03258 | Fluorescent Concentrates | Hotter Than Pink | Pint |
| 03268 | Fluorescent Concentrates | Marvey Magenta | Pint |
| 03278 | Fluorescent Concentrates | Wild Chartreuse | Pint |
| 03288 | Fluorescent Concentrates | Sun Spot | Pint |

Regulatory VOC: 627-668 g/L, 5.22-5.57 #/gal

Flash time: 10-15 minutes between coats

Bake time: 30 minutes @ 120°F (49°C)

Air dry time (preferred): 30 minutes before topcoating

Use VOC calculator to determine VOC of mixtures. Check local VOC regulations to ensure compliance of all products in your area.



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HANDLING AND APPLICATION

PREPARATION:

Over **Base Colors, Paste Pearls, Lightning FX or Flakes**:

Note:

Fluorescent Concentrates have a short lifetime because of the limited "light-fastness" in the sun and are not recommended for overall refinishing or when long life of the color application is required.

All **Fluorescent Concentrates** should be applied over **Base Colors Bright White** for maximum brightness. Additionally, **Base Colors Bright White** can be tinted with **Fluorescent Concentrates**, usually 10% before reducing. This will give the base a pastel tint of the fluorescent that will be applied afterwards, helping with the coverage of **Fluorescent Concentrates**.

Base Colors, Paste Pearls, Lightning FX or Flakes should be allowed sufficient dry time, typically 30 minutes after last coat, before applying **Fluorescent Concentrates**.

MIXING:

Shake or stir thoroughly. All **Fluorescent Concentrates** should be mixed with **Mix Clear**.

FIRST, MIX BY VOLUME:

| | |
|----------------|--------------------------|
| 4 Parts | 1 Part |
| Mix Clear | Fluorescent Concentrates |

THEN, MIX BY VOLUME:

| | |
|-------------------------|----------------|
| 1 Part | 1 Part |
| Fluorescent / Mix Clear | SR/SRX Reducer |

Note:

Use of additives other than **SR** or **SRX** reducers are not recommended and may affect both the appearance and performance of **Fluorescent Concentrates**. Due to VOC regulations, **SRX Exempt Reducers** must be used in California.

Always use the reducer best suited to shop conditions. Dry times may vary depending on film build, shop conditions and reducer used.

One capful of most urethane clearcoat hardeners can be added to the **Mix Clear / Fluorescent Concentrates** mixture. This addition yields excellent early adhesion, superior chip resistance and is especially useful in multi-layered designs which result in excessive film build. Pot life is one hour when making this addition. Test compatibility before spraying and always use hardeners that meet VOC regulations for your area.



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APPLICATION:

| | |
|---------------------------------|--|
| Set air pressure to: | 45-60 psi for non-HVLP |
| | 8-10 psi at the cap for HVLP equipment |
| Use a gun equipped with: | 1.2-1.3 nozzle for small projects |
| | 1.3-1.4 nozzle for large projects |

1. Spray 4-5 medium-wet coats with a 50-75% overlap keeping the gun 6-8" from the substrate. Allow to flash approximately 10-15 minutes between coats.
2. Allow final coat to flash 30 minutes before applying top coat.

Note:

Always clear **Fluorescent Concentrates** with the highest quality two-component urethane clearcoat, such as **World Class™ Clears** for maximum color hold-out and UV protection.

Note:

Always spray a test panel to confirm color and check for coverage. Additionally, always spray full passes when applying **Fluorescent Concentrates** to avoid dark areas where panels overlap.

CLEANUP:

Use appropriate cleaning materials compliant with VOC regulations in your area.

STORAGE:

Fluorescent Concentrates should be stored in a cool dry place with adequate ventilation away from heat, sparks and flames. The shelf life for **Fluorescent Concentrates** is 5 years when stored under normal conditions.

RELATED PRODUCTS:

| Part: | Product Name: | Size: |
|-------|--------------------------|--------|
| 02044 | Base Colors Bright White | Quart |
| MC011 | Mix Clear | Gallon |
| MC014 | Mix Clear | Quart |
| SR104 | Fast Reducer | Quart |
| SR204 | Medium Reducer | Quart |
| SR304 | Slow Reducer | Quart |
| SRX14 | Fast Exempt Reducer | Quart |
| SRX24 | Medium Exempt Reducer | Quart |
| SRX34 | Slow Exempt Reducer | Quart |

Note:

For more information on World Class Clears, visit semproducts.com.



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Technical Consultation Service

Our Technical Staff is ready to assist you with any questions. You are invited to take advantage of our extensive experience, laboratory services and trained field service representatives. Call (800) 831-1122 for answers to your questions. Hours of operation are Monday through Thursday 8:00 am until 5:00 pm EST and on Friday 8:00 am until 4:30 pm EST.

Disclaimer:

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Users should review the Safety Data Sheet (SDS) and product label for the material to determine possible health hazards, appropriate engineering controls and precautions to be observed in using the material. Copies of the SDS and product label are available upon request.