

DESCRIPTION

Candy Concentrates is a vibrant line of transparent pigments that add spectacular color to custom paint jobs.

FEATURES

- Outstanding depth and clarity
- Brilliant, clean colors
- Easy to apply
- Combine with effect pigments for the ultimate custom look
- Compatible with multiple paint technologies

SUITABLE SUBSTRATES

- Base Colors
- Paste Pearls
- Lightning FX
- Flakes

TYPICAL PROPERTIES

Part:	Product Name:	Color:	Container:
03016	Candy Concentrates	Winefire	1/2 Pint
03026	Candy Concentrates	Sun Dance	1/2 Pint
03046	Candy Concentrates	Aqua Blue	1/2 Pint
03056	Candy Concentrates	Royal Blue	1/2 Pint
03086	Candy Concentrates	Mandarin	1/2 Pint
03096	Candy Concentrates	Mint Green	1/2 Pint
03106	Candy Concentrates	Passion Purple	1/2 Pint
03116	Candy Concentrates	Candy Apple Red	1/2 Pint
03126	Candy Concentrates	California Gold	1/2 Pint
03156	Candy Concentrates	Magenta	1/2 Pint

Regulatory VOC: 732-839 g/L, 6.1-7.0 #/gal

Flash time: 10-15 minutes between coats

Bake time: 30 minutes @ 120°F (49°C)

Air dry time (preferred): 30 minutes before top coating

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**:

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

Over cured OEM or aftermarket finish:

If applying over existing cured OEM or aftermarket finish, clean with **SEM Solve** or **Zero VOC Surface Cleaner**. Sand surface with 400-600 grit paper or a gray scuff pad then blow off and clean with **SEM Solve** or **Zero VOC Surface Cleaner**.

MIXING:

Shake or stir thoroughly. All **Candy Concentrates** should be mixed with **Mix Clear, World Class™ Clears** or most two-component urethane clearcoats.

Note:

Automotive candy finishes are vulnerable to fading in UV exposure. To minimize the effects of UV exposure, **Candy Concentrates** may be mixed with **World Class Clears** or most two-component high quality urethane clearcoats rather than **Mix Clear**. As a general rule, the more candy and clearcoat applied, the more UV protection you will have. Always spray a test panel to ensure compatibility and desired results. Most important, always clearcoat **Candy Concentrates** with the highest quality two-component urethane clearcoat such as **World Class Clears** for maximum color hold-out.

To mix with **Mix Clear**:

FIRST, MIX BY VOLUME:

8 Parts	1 Part
Mix Clear	Candy Concentrate

THEN, MIX BY VOLUME:

1 Part	1 Part
Candy / Mix Clear	SR/SRX Reducer



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

Note:

Use of additives other than **SR** or **SRX** reducers are not recommended and may affect both the appearance and performance of **Candy 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.

1 capful of most urethane clearcoat hardeners can be added to the **Mix Clear / Candy Concentrate** 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.

TO MIX WITH URETHANE CLEAR:

First, mix clear per manufacturer specifications

Then, mix by volume:

8 Part	1 Part
Ready to spray Clear	Candy Concentrate

APPLICATION:

Using **Mix Clear / Candy Concentrate** mixture:

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 4-7 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.

Using urethane clearcoat / **Candy Concentrate** mixture:

Apply following manufacturers specifications for flash times and final top coat time.

Note:

When applying using urethane clearcoat / **Candy Concentrate** mixture, avoid "running" the mixture. This will result in dark spots in the finished product that cannot be removed.

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



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

CLEANUP:

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

STORAGE:

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

RELATED PRODUCTS:

Part:	Product Name:	Size:
38371	SEM Solve	Gallon
38373	SEM Solve	20 oz. Aerosol
38374	SEM Solve	Quart
38375	SEM Solve	5 Gallon
40401	Zero VOC Surface Cleaner	Gallon
40404	Zero VOC Surface Cleaner	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:

The information supplied in this document is for guidance only and should not be construed as a warranty. All implied warranties are expressly disclaimed. All users of the materials are responsible for assuring that it is suitable for their needs, environment and use. All data subject to change as SEM deems appropriate.

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.