



# MC01( ) MIX CLEAR

## TECHNICAL DATA SHEET

### Description

MC01( ) MIX CLEAR is designed for intermixing all **COLOR HORIZONS CANDY CONCENTRATES, FLUORESCENT CONCENTRATES, PASTE PEARL CONCENTRATES, HYPER FX, LIGHTNING FX** and **FLAKES**. MC01( ) is the perfect carrier for **COLOR HORIZONS** products offering excellent sprayability, superior color holdout and minimal tape tracking on multiple tape outs.

### Features

- Excellent UV protection
- Can be used as a mid-coat clear
- Transparent for vivid colors
- Fast drying
- Easy to use
- Long open time

### Typical Properties

Containers	MC011 gallon and MC014 quart
Viscosity	57-61 KU
Density	7.56-7.96 #/gl (907-955 g/l)
Flash point	76°F (24°C)
Weight solids	31-35%
Volume solids	26-30%
VOC of MC01()*	5.18 #/gl (621 g/l)
VOC of MC01() w/ SR REDUCERS*	5.90-6.51 #/gl (708-781 g/l)
VOC of MC01() w/ SRX EXEMPT REDUCERS*	2.59 #/gl (311 g/l)
Recoat time	8 hours

\*VOC will vary when intermixing MC01( ) and **COLOR HORIZONS** products.

Please refer to [www.semproducts.com](http://www.semproducts.com) for physical properties and VOC information. Use VOC calculator to determine VOC of mixtures.

### Handling and Application

#### PREPARATION:

PRIMED SURFACES: Sand with 500 grit paper and clean with **38373 SEM SOLVE** or **38381 WORLD CLASS™ SURFACE CLEANER**.



OE FINISHES: Clean with **3833( ) SCUFF & CLEAN**, then rinse with water. Wipe down with **38373 SEM SOLVE** or **38381 WORLD CLASS SURFACE CLEANER**. Sand with 500 grit paper. Re-clean with **38373** or **38381**.

Please refer to **SCH-1** for additional preparation information.

#### MIXING:



Shake well before using. MC01( ) should be used in conjunction with **SR REDUCERS** or **SRX EXEMPT REDUCERS** and **COLOR HORIZONS** products. **SRX EXEMPT REDUCERS** must be used in California.

As an inter-coat clear, reduce **1:1** with the appropriate reducer. Then add one capful of **RC02( ) REAL CATALYST** or **RCX2( ) REAL EXEMPT CATALYST**. **RCX2( ) REAL EXEMPT CATALYST** must be used in California. Always use the reducer best suited to shop conditions. **DUE TO VOC REGULATIONS, MC01( ) MAY NOT BE USED AS AN INTER -COAT CLEAR IN CALIFORNIA.**

<u>Part number</u>	<u>Description</u>	<u>Temperature range</u>	<u>Container</u>
SR10( )	FAST REDUCER	50-70°F (10-21°C)	Gl(1) and Qt(4)
SR20( )	MEDIUM REDUCER	70-90°F (21-32°C)	Gl(1) and Qt(4)
SR30( )	SLOW REDUCER	90-115°F (32-46°C)	Gl(1) and Qt(4)
SRX1( )	FAST EXEMPT REDUCER	50-70°F (10-21°C)	Gl(1) and Qt(4)
SRX2( )	MEDIUM EXEMPT REDUCER	70-90°F (21-32°C)	Gl(1) and Qt(4)
SRX3( )	SLOW EXEMPT REDUCER	90-115°F (32-46°C)	Gl(1) and Qt(4)

## MIXING

Cont':



### FLUORESCENT CONCENTRATES:

Mix **4** parts of **MC01( )** with **1** part of the selected **FLUORESCENT CONCENTRATE**. Reduce this mixture **1:1** with the appropriate reducer.

### CANDY CONCENTRATES:

Mix **8** parts of **MC01( )** with **1** part of the selected **CANDY CONCENTRATE**. Reduce this mixture **1:1** with the appropriate reducer.

### PASTE PEARL CONCENTRATES:

For dark colors, mix  $\frac{1}{4}$  to  $\frac{1}{2}$  tbsp of pearl to 1 quart of ready to spray **MC01( )** and 1-2 tbsp for light bases or candies.

### LIGHTNING FX:

Add about 10 grams (roughly 2 tbsp) per ready to spray quart of **MC01( )**.

### HYPER FX:

Add about 5 grams (roughly 1 tbsp) per ready to spray quart of **MC01( )**.

### FLAKES:

Mix  $\frac{1}{2}$  -1 oz. of mini flakes to 1 quart of ready to spray **MC01( )**. Mix 1-3 oz. of standard flakes to 1 quart of ready to spray **MC01( )**.

## APPLICATION:



Air pressure:	6-9 psi at the cap with HVLP equipment 25-45 psi with non-HVLP equipment
Fluid tip:	1.3-1.4
Coats:	2-3
Flash time:	5-10 minutes
Dry time:	Allow 30 minutes before taping or doing artwork



**NOTE:** Do not use as a top coat clear.

**NOTE:** Sand with 600 grit paper after 8 hours.

**NOTE:** Always spray a test panel. Please refer to **SCH-1** for additional application instructions.

## CLEANUP:



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

## STORAGE:



**MC01( ) MIX CLEAR, SR REDUCERS and SRX( ) EXEMPT REDUCERS** should be stored in a cool dry place with adequate ventilation away from heat, sparks and flames. The shelf life for **MC01( )** is 5 years when stored under normal conditions.

## 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 Material Safety Data Sheet (MSDS) 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 MSDS and product label are available upon request.

**SEM Products, Inc.**  
**1685 Overview Dr. Rock Hill SC 29730**  
**Tel: 800/ 831-1122**  
**www.semproducts.com**