



# COLOR COAT

## TECHNICAL DATA SHEET

### Description

**COLOR COAT** is an elastomeric coating formulated to match, restore or change the color of most vinyl surfaces, flexible and rigid plastics, carpet and velour. **COLOR COAT** is not a dye, but a fade resistant, flexible and permanent coating.

### Features

- Excellent for vinyl, plastic, carpet and velour
- Elastomeric coating – will not crack
- Superior adhesion, flexibility and hiding
- Ready to spray quarts and gallons
- Convenient aerosols
- Mixing system = endless colors
- Over 5000 formulas, including many OEM matched colors
- Quick drying
- Simple to use

### Typical Properties

Containers	Quart, Cone Top Quart, Gallon and 16 oz aerosol
Mixing System Colors	9 Toners and 3 Clears
Low VOC Mixing System Colors	9 Toners and 2 Clears
Aerosol Colors	50 Colors and 3 Clears (refer to chip card VCS-CC)
Aerosols Regulatory VOC	5.14-5.25 #/gl (616.8-630 g/l)
Aerosols Actual VOC	3.23-3.38 #/gl (387.6-405.6 g/l)
RTS Actual and Regulatory VOC	6.23-6.48 #/gl (748.1-775.2 g/l)
Regulatory VOC – LV designated products	< 2.8 #/gl (336 g/l)
Actual VOC – LV designated products	< 0.51 #/gl (61 g/l)
MIR	≤ 1.55
Cateryory	VFL
Cure Time	24 hours @ 70°F (21°C)
Cross Cut Adhesion Test	100% adhesion on plastic and vinyl
Coverage per Gallon	120 ft <sup>2</sup>
Coverage per Can	10ft <sup>2</sup>

Please refer to [www.semproducts.com](http://www.semproducts.com) for physical properties and VOC information. Use VOC calculator to determine VOC of mixtures. Check local VOC regulations to ensure compliance of all products in your area.

### Handling and Application

#### PREPARATION: Vinyl:



1. Clean first with **39362 SEM SOAP** and a gray scuff pad.
2. Rinse with water and dry.
3. Clean thoroughly with **38343 VINYL PREP** using a clean, damp lint free towel and wiping in one direction.
4. Rinse with water and dry. If contamination still exists, water will bead on the surface. Repeat this step until beading no longer occurs.

#### Plastic:

1. Clean first with **39362 SEM SOAP** and a gray scuff pad.
2. Rinse with water and dry.
3. Clean with **38353 PLASTIC & LEATHER PREP**. If contamination still exists, water will bead on the surface. Repeat this step until beading no longer occurs.
4. To promote adhesion on ABS, PVC and other similar plastics, apply a medium wet coat of **38363 SAND FREE**. **COLOR COAT** should be applied while **38363** is still wet. As the **38363** evaporates, the **COLOR COAT** is drawn into the surface creating excellent adhesion.

-OR-

To promote adhesion on TPO, EPDM, PP and other similar thermoplastics, use **39863 PLASTIC ADHESION PROMOTER** or **77723 XXX ADHESION PROMOTER**.

**TECH TIP:** If the type of plastic is unknown, place a drop of acetone on the back of the plastic and rub it with your finger. If the plastic smears and melts, use **38363 SAND FREE** for your adhesion promoter. If acetone does not have an affect on the plastic, use **39863 PLASTIC ADHESION PROMOTER** or **77723 XXX ADHESION PROMOTER**.

## PREPARATION

Cont':



### Carpet and Velour:

1. Clean with appropriate carpet or upholstery shampoo to remove excess soil. Allow to dry, then vacuum.
2. Clean with **38353 PLASTIC/LEATHER PREP**. Scrub lightly with a nylon bristle brush to separate the fibers and to remove oil, grease and contaminants. Allow to dry, then vacuum.

## MIXING:



**DO NOT THIN.** COLOR COAT is ready to spray.

**Shake or stir well, per label instructions, to ensure color uniformity. For best results, use only when can temperature is approximately 70°F (21°C).**

For additional versatility when matching low gloss OEM colors, **13038 COLOR COAT FLATTENER** is available. **13038** may be used with all **COLOR COAT** intermix formulas.

## APPLICATION:



**Aerosol:** Hold can approximately 6-8" from the surface to be coated. Apply light coats, allowing 5 minutes between coats, until full coverage or desired uniform color is achieved. Several thin coats give a better finish than one heavy coat.

**NOTE:** If clogging develops, remove spray button with a twisting motion and clean with **77743 XXX GUN CLEANER** or material compliant with VOC regulations in your area. Do not stick pin or other object into can. Gently replace spray button with top of can and spray button pointed away from you.

**NOTE:** After each use, turn can upside down and spray several seconds to clear spray tip.

**Spray Gun:** Using 20-25 psi with non-HVLP or 8-10 psi at the cap with HVLP, apply one light coat followed by one wet coat allowing 5-10 minutes flash time between coats. Some colors will require more coats to cover.

**Carpet and Velour:** Spray one very light mist coat and immediately brush in all directions using a nylon bristle brush. Apply a second light mist coat and brush again. Use **COLOR COAT** sparingly on carpet and velour so as not to change the texture or feel of the surface being sprayed. **COLOR COAT is recommended only to enhance the color of carpet and velour, not to drastically change its color.**

Colors may vary slightly depending on the number of coats applied as well as the type of substrate to which they are applied. **NOTE:** Dabbing the paint will not accurately reflect its color. True color is only achieved by spraying.

Should a different sheen be desired, **COLOR COAT** offers three companion clears. These include **1300( ) HIGH GLOSS CLEAR**; for the "wet look", **1301( ) SATIN GLOSS CLEAR**; for "medium sheen" and **1302( ) LOW LUSTER CLEAR** for interior instrument panels. Usually two medium wet coats are sufficient. **NOTE:** **1302( )** is not recommended for exterior exposure. **Due to VOC regulations, 1300( )-LV and 1302( )-LV cannot be used as topcoat clears in California, but only to modify the gloss of intermix formulas.**

**NOTE:** When coating vinyl with **COLOR COAT**, plasticizer migration may occasionally occur. When vinyl manufacturers use a high amount of plasticizers, they may bleed and leave a tacky feeling on the coated surface. Apply **39643 TAC FREE** over the affected area to eliminate this problem.

## STORAGE:



**COLOR COAT** should be stored in a cool dry place with adequate ventilation away from heat, sparks and flames. The shelf life for **COLOR COAT** aerosols, quarts and gallons is 5 years when stored under normal conditions. Shelf life of **13038 COLOR COAT FLATTENER** is 3 years.

## 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.

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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.