



CPC Pre-formulated Colors Web Site User Guide – Version 2

Login

- To access the CPC Pre-formulated Colors web site, you must first logon to the PPG Automotive Refinish web site. Enter the following URL into your web browser address bar:
<http://corporateportal.ppg.com/NA/Refinish/PPGRefinish>.
- If you are not a registered user of the web site, then click the Register link from the main page.



- The following screens will enable you to create a user account for the web site. To complete the registration process, you will need to supply data for the required fields including: Email Address, Password, Company Type, Account Number, and Address.





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TO GLOBAL SITES

PPG Refinish
19699 Progress Drive
Strongsville, OH 44149
440-572-2800

User Registration

Login Information...

Email Address: First Name:
Password: Last Name:
Confirm Password:

Company Information... *Please select a Customer Type and Enter your PPG Account Number and click Next to continue.*

Company Type:

Account Number: Country:

Address:

Company Name:

Telephone:

Language: City:

State:

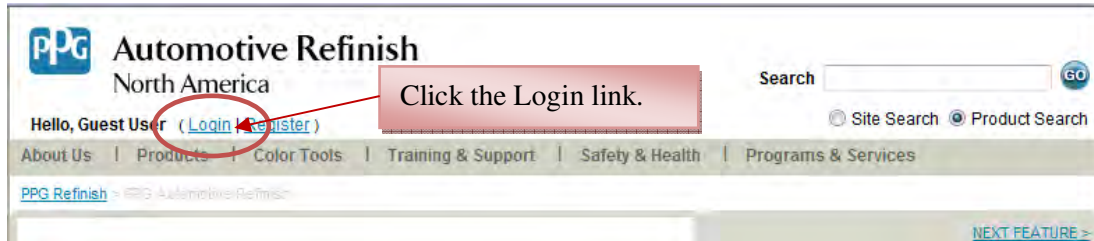
ZIP:

Complete the data entry and click "Next" to continue and finish registering.

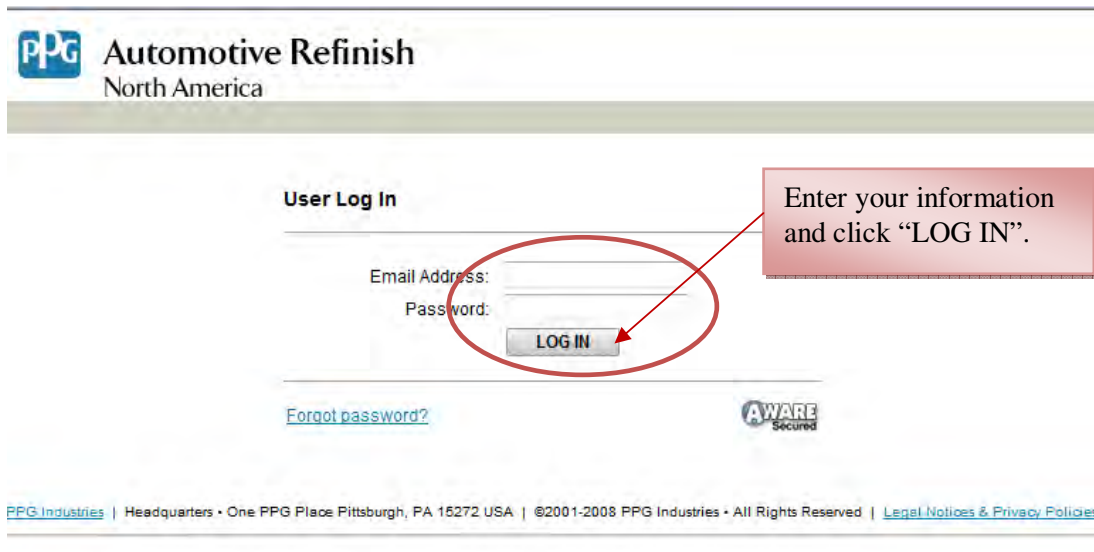




- If you are a registered user of the web site, then click the Login link from the main page.



- Enter your email address and AWARE password to logon.







- On the next screen, you will see the “My PPG Toolbox” section on the left navigation. From the list of applications click on “CPC Pre-formulated Colors”.





- A new web browser window will open and you will be asked to “Accept” PPG’s license agreement to use the color matching information found on the web site. Note that this acceptance is only required once per login to the web site.

 **Commercial Coatings**
North America



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PPG Industries, Inc.
19099 Progress Drive
Strongsville, OH 44149
Attention: Color Support Group


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To access the pre-formulated colors, you must click “ACCEPT”.





Searching

- You have successfully logged in! You will now be presented with a search screen which will lead you through selecting a color, choosing a resin, and viewing/printing the actual color formula and pricing information. Note that after 20 minutes of inactivity, the site will automatically log you out.
- The search screen offers the following search criteria and features:

Search Criteria*	Definition	Search Engine Processing
PPG Number	Represents the PPG color number for a color.	The engine will search color formulas for a PPG Number <u>starting with</u> the value you enter on the screen.
Color Number	Represents the category number or competitive number for a color.	The engine will search color formulas for a PPG Number <u>starting with</u> the value you enter on the screen.
Color Name	Represents the description of a color.	The engine will search color formulas for a PPG Number <u>containing</u> the value you enter on the screen.

**Note: You may only search on one criteria at a time.*





- To search on a PPG Number, enter the 6-digit PPG values (located in our binder index or under the specific color chip) into the PPG Number field and press "Search".



CPC Color Formula Lookup

PPG Number	<input type="text" value="911729"/>
Color Number	<input type="text"/>
Color Name	<input type="text"/>
<input type="button" value="SEARCH"/>	

Input the PPG number desired and click "Search."

VOC is listed in pounds per gallon or grams per liters. When determining VOC for emissions reporting, please adjust calculation based on precise volume applied.
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- All possible search results will be listed in a table below the search criteria. To select a formula, click on the Color Name link of the desired formula.



CPC Color Formula Lookup

PPG Number	<input type="text" value="911729"/>
Color Number	<input type="text"/>
Color Name	<input type="text"/>

Select the color of your choice by clicking on its name.

Color Name	Category	Color Number
TEREX BLUE	MARKET SEGMENTS ACE COLOR CARD	911729 ACE047

VOC is listed in pounds per gallon or grams per liters. When determining VOC for emissions reporting, please adjust calculation based on precise volume applied.
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Formula Details

- The next step is to pick a resin for the selected color. Only the resins that have been formulated will be shown in this list. Choose a resin from the drop down list and if it is a 1-component product, the gram formula for it will automatically be shown.

CPC Color Formula Lookup

Selected Formula

Please Make Selection(s)

Formula Name: **TEREX BLUE**

Resin: - Select -

[NEW SEARCH](#)

Display Fo

VOC is listed in pounds per gallon or grams per liters based on information provided.

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- Select -

ACR-100 FULL GLOSS

ALK-110 FULL GLOSS

ALK-200 FULL GLOSS

ALK-300E FULL GLOSS

ALK-300ELG LOW GLOSS

AUE-100 FULL GLOSS

AUE-100LG LOW GLOSS

AUE-110 LOW GLOSS

AUE-120 LOW GLOSS

AUE-280 FULL GLOSS

AUE-280 LOW GLOSS


AUE-300 FULL GLOSS

AUE-360 FULL GLOSS

AUE-360 LOW GLOSS

AUE-370 FULL GLOSS

AUE-400 LOW GLOSS





- If a 2-component resin (one that requires a B-side hardener) is chosen, the screen will automatically require a hardener selection from a drop-down menu. Once the hardener is selected, the gram formula will automatically be displayed.



Commercial Coatings
North America



CPC Color Formula Lookup

For 2-component products, a Hardener selection will be required from this drop-down menu

Selected Formula
Please Make Selection(s)

Formula Name: TEREX BLUE

Resin: AUE-360 FULL GLOSS

Hardener: - Select -

Display Formula and Increments

Mix Size: Gallon

(Note: The 'Hardener' dropdown menu is open, showing options: - Select -, AUE-3501, GXH1086, and AUE-3606. The dropdown is circled in red in the original image.)

VOC is listed in pounds per gallon or grams per liters. When determining VOC for emissions reporting, please adjust calculation based on precise volume applied.
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- On the next page you will see the resulting formula screen which contains several key pieces of information. The specific features to note are:

Notation (on next pg)	Feature
A	Ability to quickly change to another resin or hardener
B	This button is used to start a new search
C	This button will allow you to print the formula and information shown (onto regular printer)
D	Ability to switch back and forth from Volume and Gram formulas
E	Ability to change formula size to Quart, Gallon, Pail, or Drum
F	Key information on the color and where it is located in our CPCCT010 binders
G	Information on if the formula is already an exact match or one that is a very good starting formula
H	Formula details with distributor cost (based on largest pack size of each formula component)
I	Ability to hide cost of distributor formula (if formula sent to printout)
J	CARB SCM (information at end of this guide) VOC information for A/Color side and RTS
K	Ability to input % onto distributor cost of formula to calculate markup
L	Information on how to use product (blend ratio with B-side if applicable)
M	Formula revision #; if this is "1", this is the original formula; if this is "2" or higher this formula is a revision to the original or previous formula. The previous formulas can be obtained by contacting our Refinish Color Library at (800) 647-6050 (press 1, 1, 2, 0)
N	Additional key information





CPC Color Formula Lookup

Selected Formula
Please Make Selection(s)

Formula Name: **TEREX BLUE**

Resin: **AUE-360 FULL GLOSS**

Hardener: **GXH1086**

Display Formula in Ounces and Increments

Mix Size: **Gallon**

ACE047
AUE-360 FULL GLOSS
PPG Number: 911729
Category: MARKET SEGMENTS
Sub-Category: ACE COLOR CARD

This formula is expected to provide a good starting formulation. We recommend confirming that it meets your requirements and fine tuning if necessary.

	Individual Amount	Cumulative Amount	
HB-10-BLK	53.30 g	53.30 g	Color Package VOC Actual: 3.58 #/gal 429.45 g/L VOC Regulatory (less water less exempt): 3.58 #/gal 429.45 g/L RTS VOC Actual: 3.12 #/gal 374.11 g/L VOC Regulatory (less water less exempt): 3.12 #/gal 374.11 g/L
HD-10-GRN	14.90 g	68.20 g	
HE-10-BLU	554.50 g	622.70 g	
HJ-10-QVI	328.50 g	951.20 g	
HW-10-WHI	238.90 g	1,190.10 g	
AUE-360 FULL GLOSS	2,804.00 g	3,994.10 g	
Cumulative Total:		3,994.10 g	

Optional Mark Up: <input type="text" value=""/> %	<input type="button" value="Calculate"/>
Mark Up Total:	

All formulas are in grams per gallon. Distributor cost shown is calculated based on pricing for highest pack size available for each formula component. Pricing is for color package only (does not include B or C components).

This product must be catalyzed 4 (AUE-360): 1(GXH1086 - exterior use catalyst)



Formula Revision Number: 1

VOC is listed in pounds per gallon or grams per liters. When determining VOC for emissions reporting, please adjust calculation based on precise volume applied. Information is subject to revision





- This screen shows this formula after converting it to volumetric.

CPC Color Formula Lookup

Selected Formula

Please Make Selection(s)

Formula Name: **TEREX BLUE**

Resin: **AUE-360 FULL GLOSS**

Hardener: **GXH1086**

Display Formula in Ounces and Increments

Mix Size: **Gallon**

ACE047

AUE-360 FULL GLOSS
 PPG Number: 911729
 Category: MARKET SEGMENTS
 Sub-Category: ACE COLOR CARD

This formula is expected to provide a good starting formulation. We recommend confirming that it meets your requirements and fine tuning if necessary.

	Individual Amount	Cumulative Amount	
HB-10-BLK	1 Y 33		Color Package VOC Actual: 3.58 #/gal 429.45 g/L VOC Regulatory (less water less exempt): 3.58 #/gal 429.45 g/L RTS VOC Actual: 3.12 #/gal 374.11 g/L VOC Regulatory (less water less exempt): 3.12 #/gal 374.11 g/L
HD-10-GRN	0 Y 22		
HE-10-BLU	17 Y 39		
HJ-10-QVI	10 Y 32		
HW-10-WHI	4 Y 1		
AUE-360 FULL GLOSS	93 Y 0		
Cumulative Total:			
A-side formula Distributor cost to mix (US Dollars): \$47.89 Click here to hide price on printed formula <input type="checkbox"/>			

Optional Mark Up %

Mark Up Total:

All formulas and amounts were matched or calculated in grams per gallon.
 Due to rounding, volumetric formulas may be slightly different in color.
 Distributor cost shown is calculated based on pricing for highest pack size available for each formula component.
 Pricing is for color package only (does not include B or C components).

This product must be catalyzed 4 (AUE-360); 1(GXH1086 - exterior use catalyst)

- To end your session, simply close your web browser.





UNDERSTANDING CARB SCM VOC CALCULATIONS

In this version of PPG’s web formula retrieval tool, you will see expanded VOC information. As the regulatory framework for environmental rules and requirements evolves, PPG works to support all customer efforts to maintain compliance. Besides seeing values displayed in both pounds per gallon and grams per liter, you will now notice two values called VOC Regulatory and VOC Actual. These new values have been defined in the recent California Air Resources Board (CARB) Suggested Control Measure (SCM) for automotive (refinish) coatings. In several California air districts, including those that have picked up the CARB SCM, these values are required to be displayed on the product label when used for automotive refinish applications. VOC Regulatory is the same as VOC Less Water Less Exempts, a term with which you are likely already familiar. VOC Actual is the same as VOC content, which can be applied to VOC emissions calculations. The formulas for both are given below. This calculation will generate a value in grams/liters. You can substitute lbs for grams if also substituting gallons for liters at same time to get lbs/gal units.

$$\text{VOC Regulatory} = \frac{Wv - Ww - Wec}{Vm - Vw - Vec} \quad \text{(Also known as VOC Less Water Less Exempts)}$$

$$\text{VOC Actual} = \frac{Wv - Ww - Wec}{Vm} \quad \text{(also known as VOC content)}$$

Where:

Wv = weight of volatiles in grams

Ww = weight of water in grams

Wec = weight of exempt compounds in grams

Vm = total volume of material (including resins, pigments and solvents) in liters

Vw = volume of water in formula in liters

Vec = volume of exempt compounds in formula in liters

