



Maricopa County Regulation III  
 Rule 345, Section 301 Effective 09/25/2013  
 Automotive Refinish Coatings

(Note: See Regulation III, Rule 345 Sections 302 & 303 for limits for  
 Heavy Duty Truck, Truck-Trailer, New Surfaces and Heavy Duty Vehicles)



| Coating Category                               |                    | lbs/gal (g/L) Limit: VOC Regulatory (Less Water Less Exempts) |                              |   |                               |
|--|--------------------|---|------------------------------|---|-------------------------------|
| Solvent (Surface Cleaner)                      |                    | 1.4 (168)*  |                              | * VOC content applies to this category only   |                               |
| Pretreatment Coating/Wash Primer               |                    | 6.5 (780)   |                              |   |                               |
| Primer/Primer Surfacer                         |                    | 4.8 (576)   |                              |   |                               |
| Primer Sealer                                  |                    | 4.6 (552)   |                              |   |                               |
| Single-Stage Topcoat Coating                   |                    | 5.0 (600)   |                              |   |                               |
| Multi-Stage Topcoat 2-stage (BC/CC)            |                    | 5.0 (600)   |                              |   |                               |
| Multi-Stage Topcoat 3 or more stage (BC/CC)    |                    | 5.2 (624)   |                              |   |                               |
| Specialty Coating                              |                    | 7.0 (840)   |                              |   |                               |
| Product Code & Name                            |                    |   | Reducer                      |   |                               |
| Solvent (Surface Cleaner)                      |                    | Limit: 1.4 lbs/gal (168 g/L)                                  |                              |   |                               |
| CFX435LV Low VOC Cleaner                       |                    |   | As is or with water only     | As is no reduction/Reduce with water 1:1      | 0.41/0.21 (49)/(25)           |
| Product Code & Name                            | Hardener/Activator | Additives   | Reducer                      | Mix Ratio                                     | VOC (Less Water Less Exempts) |
| Pretreatment Coating/Wash Primer               |                    | Limit: 6.5 lbs/gal (780 g/L)                                  |                              |   |                               |
| ESU400 Wash Primer                             | ESU409             | -   | -                            | 1 : 1   | 6.40 (767)                    |
| F4945 5.5 VOC Wash Primer                      | F4946              | -   | -                            | 1 : 1   | 5.32 (637)                    |
| Primer/Primer Surfacer                         |                    | Limit: 4.8 lbs/gal (576 g/L)                                  |                              |   |                               |
| ESU410 2.1/2.8 Polyurethane Primer             | ESU419             | ESX590  | -                            | 5 : 1 + 6 oz / RTS gal                        | 1.99 (238)                    |
| ESU420/421 3.5 VOC Epoxy Primer                | ESU428             | -   | ESR300 or ESR310             | 3 : 1 : 1                                     | 3.50 (419)                    |
| ESU440 3.5 Primer Surfacer                     | ESU449             | ESX500, ESX510, ESX520, or ESX530                             | -                            | 6 : 1 : 1                                     | 3.49 (418)                    |
| ESU460 4.6 Epoxy Primer                        | ESU469             | -   | -                            | 2 : 1   | 4.54 (544)                    |
| ESU470 2.1 VOC Epoxy Primer                    | ESU479             | -   | ESR300 or ESR310             | 2 : 1 : 1-2                                   | 2.06 (247)                    |
| ESU480/481/482 2.1 VOC Epoxy Primer            | ESU489             | -   | -                            | 4 : 1   | 2.09 (250)                    |
| F3970/BK/WH Ultra High Solids Primer           | F3971              | F3400 or F3405  | F3385, F3390 or F3395        | 3 : 1 + 6 oz / RTS gal + 10% optional reducer | 2.07 (248)                    |
| F3975 Fast Dry Surfacer                        | F3270              | -   | F3385                        | 3 : 1 + 10%                                   | 4.29 (514)                    |
| F3993 Conventional Epoxy Primer                | F3996              | -   | F3311, F3321, F3331 or F3341 | 3 : 1 : ½                                     | 4.60 (551)                    |
| F3998 2.1 VOC Primer Surfacer                  | F3999              | -   | -                            | 2 : 1   | 1.99 (238)                    |
| F4921/BK/WH 2.1 VOC Epoxy Primer               | F4922              | -   | F3385, F3390 or F3395        | 3 : 1 : 1                                     | 2.05 (246)                    |
| F4932/BK/WH 2.1 VOC Fast Dry Urethane Surfacer | F4933              | -   | F3385, F3390 or F3395        | 4 : 1 : 1                                     | 2.08 (249)                    |
| F4935/36/37 High Solids Epoxy Primers          | F4938              | -   |                              | 1 : 1   | 2.08 (249)                    |

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| Product Code & Name   | Hardener/<br>Activator | Additives                        | Reducer                      | Mix Ratio                                   | VOC<br>(Less Water Less<br>Exempts)   |
|---|------------------------|----------------------------------|------------------------------|---|---|
| <b>Primer Sealer (apply over previously coated surfaces)</b>  |                        |                                  |                              |   | Limit: 4.6 lbs/gal (552 g/L)  |
| F3985/6/7 Pigmented Sealers                                   | F3260                  | F3400 or F3405                   | F3385                        | 3 : 1 + 6 oz / RTS gal + ½ optional reducer | 2.75 (330)  |
| <b>Single-Stage Topcoat Coating</b>                           |                        |                                  |                              |   | Limit: 5.0 lbs/gal (600 g/L)  |
| ESSS Single Stage Polyurethane Enamel                         | ESH200                 | ESX510, ESX520, ESX530 or ESX540 | -                            | 6 : 1 : 1                                   | 2.80 (335)  |
| FDGH Single Stage High Solids Polyurethane Enamel             | F3260                  | F3400, F3405 or F3410            | -                            | 3 : 1 + 6 oz /RTS gal                       | 3.05 (366)  |
| FDGH Single Stage High Solids Polyurethane Enamel             | F3260                  | F3400, F3405 or F3410            | F3385, F3390 or F3395        | 3 : 1 + 6 oz /RTS gal + 10% reducer         | 3.05 (366)  |
| FDGH Single Stage High Solids Polyurethane Enamel             | F3260                  | F3400, F3405 or F3410            | F3330, F3340, F3350 or F3360 | 3 : 1 + 6 oz /RTS gal + 10% reducer         | 3.42 (410)  |
| FDGH Single Stage High Solids Polyurethane Enamel (Low Gloss) | F3260                  | F3400, F3405 or F3410            | F3385, F3390 or F3395        | 6 : 1 + 6 oz /RTS gal + 1 part reducer      | 3.33 (399)  |
| FDXH Chemical Resistant Single-Stage Topcoat                  | F3275                  | F3475, F3476, F3477 or F3478     | -                            | 3 : 2 : 1                                   | 3.48 (417)  |
| FDGU Single Stage Ultra high Solids Polyurethane Enamel       | F3260                  | F3400, F3405 or F3410            | F3385, F3390 or F3395        | 3 : 1 + 6 oz /RTS gal + 10% reducer         | 2.82 (338)  |
| FDSU Ultra HS Polyurethane Single Stage                       | F3260                  | F3400, F3405 or F3410            | F3385, F3390 or F3395        | 3 : 1 + 6 oz /RTS gal + 10% reducer         | 2.82 (338)  |
| FDSH HS Polyurethane Single Stage                             | F3260                  | F3400, F3405 or F3410            | F3385, F3390 or F3395        | 3 : 1 + 6 oz /RTS gal + 10% reducer         | 3.05 (366)  |
| <b>Multi-Stage Topcoat Basecoats</b>                          |                        |                                  |                              |   | System VOC Limit <sup>1</sup> : 5.0 lbs/gal<br>B/C Limit <sup>2</sup> : 6.6 lbs/gal (791 g/L) |
| ESSS Polyurethane Basecoat                                    | ESH210                 | ESB800                           | -                            | 2 : 1 : 1                                   | 3.04 (364)  |
| FBC 5.0 Basecoat  | F3260                  | -                                | F3311, F3321, F3331 or F3341 | 2 : 1 + 5% F3260                            | 6.20 (743)  |
| FBCH High Solids Polyurethane Basecoat                        | F3200, 3259 or F3260   | F3440, F3441 or F3442            | -                            | 3 : 1 : 1                                   | 3.47 (416)  |

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| Product Code & Name              | Hardener/<br>Activator | Additives | Reducer                      | Mix Ratio   | VOC<br>(Less Water Less<br>Exempts)   |
|----------------------------------|------------------------|-----------|------------------------------|-------------|---|
| Multi-Stage Topcoat Basecoats    |                        |           |                              |             | System VOC Limit <sup>1</sup> : 5.0 lbs/gal<br>B/C Limit <sup>2</sup> : 6.6 lbs/gal (791 g/L) |
| FBCS High Solids Basecoat - Fast | F3200 or F3260-        | -         | F3385                        | 3 : 1 + 10% | 3.04 (364)  |
| FBCS High Solids Basecoat - Fast | F3200 or F3260-        | -         | F3330, F3340, F3350 or F3360 | 3 : 1 + 10% | 3.41 (409)  |

| Product Code & Name               | Hardener/<br>Activator | Additives                                | Reducer                          | Mix Ratio                          | VOC<br>(Less Water Less<br>Exempts)            |
|-----------------------------------|------------------------|--|----------------------------------|------------------------------------|--|
| Multi-Stage Topcoat Clearcoats    |                        |  |                                  |                                    | C/C Limit <sup>2</sup> : 4.2 lbs/gal (503 g/L) |
| ESC600 Urethane Clear             | ESH200                 | ESX500, ESX510, ESX520, ESX530 or ESX540 | -                                | 6 : 1 : 1                          | 4.07 (488)                                     |
| ESC621 Urethane Clear             | ESH200                 | -  | ESR300, ESR310, ESX711 or ESX721 | 4 : 1 : 1                          | 2.06 (247)                                     |
| F3906 High Build Clear – Slow Dry | F3260 or F3240         | F3400, F3405 or F3410                    | F3330, F3340, F3350 or F3360     | 3 : 1 : ½ + 2 oz F34xx/RTS gal     | 3.40 (407)                                     |
| F3906 High Build Clear – Slow Dry | F3260 or F3240         | F3400, F3405 or F3410                    | F3330, F3340, F3350 or F3360     | 3 : 1 : 1 + 2 oz F34xx/RTS gal     | 4.00 (480)                                     |
| F3915 Designer Clear (interior)   | F3215                  | F3415 Accelerator                        | F3320, 3330, 3340, 3350 or 3360  | 10 : 1.5 : 3 + 4 oz. F3415/RTS gal | 4.15 (491)                                     |
| F3915 Designer Clear (interior)   | F3215                  | F3415 Accelerator                        | F3385                            | 10 : 1.5 : 3 + 4 oz. F3415/RTS gal | 3.40 (405)                                     |

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| Product Code & Name                   | Hardener/<br>Activator | Additives                | Reducer                                  | Mix Ratio                                | VOC<br>(Less Water Less<br>Exempts)                 |
|---------------------------------------|------------------------|--------------------------|--|--|---|
| <b>Multi-Stage Topcoat Clearcoats</b> |                        |                          |  |  | <b>C/C Limit<sup>2</sup>: 4.2 lbs/gal (503 g/L)</b> |
| F3915 Designer Clear (interior)       | F3215                  | F3415 Accelerator        | F3320,<br>3330,<br>3340, 3350<br>or 3360 | 10 : 1.5 : 3<br>+ 4 oz.<br>F3415/RTS gal | 4.15 (491)  |
| F3915 Designer Clear (interior)       | F3215                  | F3415 Accelerator        | F3385                                    | 10 : 1.5 : 3<br>+ 4 oz. F3415/RTS<br>gal | 3.40 (405)  |
| F3920 High Solids Clear               | F3200 or F3260         | F3400, F3405 or<br>F3410 | F3320,<br>3330,<br>3340, 3350<br>or 3360 | 3 : 1: ½<br>+ 4 oz.<br>F34xx/RTS/gal     | 3.45 (413)  |
| F3920 High Solids Clear               | F3200 or F3260         | F3400, F3405 or<br>F3410 | F3385                                    | 3 : 1 : 1/2<br>+ 4 oz. F34xx/RTS<br>gal  | 3.03 (363)  |
| F3921 2.1 VOC Clearcoat               | F3210 or F3211         | -                        | F3385,<br>F3390 or<br>F3395              | 3 : 1 : 1/2                              | 2.05 (246)  |
| F3930 Conventional Clear              | F3200 or F3260         | F3400, F3405 or<br>F3410 | F33xx                                    | 3 : 1 : 1<br>+ 2 oz F34xx/RTS<br>gal     | 4.12 (494)  |

1.The VOC of the BC/CC (Multi-stage) system is found by BC/CC composite calculation, where the  $VOC_{sys} = (VOC_{bc} + 2VOC_{cc}) / 3$ , as specified by current air quality regulations.

2.The exact allowed B/C or C/C VOC depends in the other multi-stage layer VOC following the calculation in #1 above.

**Additional Products: (listing not intended to be all inclusive)**

|                               |                               |                                      |
|-------------------------------|-------------------------------|--------------------------------------|
| FBC500 FBC Blending Clear     | SU4901 Clean and Scuff Sponge | SXA1041 Bumper Black                 |
| FBCH500 FBCH Blending Clear   | SU4902 Plastic Prep Wipe      | SX1050 Plastic Adhesion Promoter     |
| SLV73 Fisheye Eliminator      | SU4903 Advanced Plastic Bond  | SXA1044 High Build Flexible Surfacer |
| SLV840 Uniform Finish Blender | SUA4903 Advanced Plastic Bond | SXA1050 Plastic Adhesion Promoter    |
| SXA1030 Black Guide Coat      | SXA840 Blending Solvent       | SX1044 High Build Flexible Surfacer  |
| CFX240 Blending Solvent       |                               |                                      |

**Maricopa County VOC Rule 345 Sec 301 - PPG DELFLEET® Evolution and DELFLEET ESSENTIAL®**

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