



Maricopa County Regulation III

Rule 345, Section 302

Refinish Coatings For Heavy Duty Vehicles | Revised: 11/02/2016

Any cab/tractor, truck, van, bus, or motor home with a manufacturer's gross vehicle weight rating of 8600 lbs or more

(See Regulation III, Rule 345, Section 301 for auto and light truck applications)



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		4.0 (480)			
Primer Sealer		4.0 (480)			
Topcoat—Single Stage Coating		3.5 (420)			
Multi-Stage Topcoat 2-stage (BC/CC)		3.5 (420)			
Multi-Stage Topcoat 3 or more stage (BC/CC)		4.0 (480)			
Specialty Coating		7.0 (840)			
Product Code & Name			Reducer	Mix Ratio	VOC content
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)
F4940 3.5 Wash Primer	F4941	-	-	1 : 1	3.36 (403)
F4945 5.5 Wash Primer	F4946	-	-	1 : 1	5.32 (637)
Primer/Primer Surfacer					Limit: 4.0 lbs/gal (480 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)
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)
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/Activator	Additives	Reducer	Mix Ratio	VOC (Less Water Less Exempts)
Primer Sealer (apply over previously coated surfaces)					Limit: 4.0 lbs/gal (480 g/L)
F3985/6/7 Pigmented Sealers	F3260	F3400 or F3405	F3385	3 : 1 + 6 oz / RTS gal + ½ optional reducer	2.75 (330)
Single-Stage Topcoat Coating					Limit: 3.5 lbs/gal (420 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)
Multi-Stage Topcoat Basecoats					System VOC Limit!: 3.5 lbs/gal (420 g/L)
ESSS Polyurethane Basecoat*	ESH210	ESB800	-	2 : 1 : 1	3.08 (369)
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/Activator	Additives	Reducer	Mix Ratio	VOC (Less Water Less Exempts)
Multi-Stage Topcoat Basecoats					System VOC Limit ¹ : 3.5 lbs/gal (420 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)
*3.0 – 3.5 RTS VOC basecoats can be used with any 3.50 RTS VOC (or lower) clearcoat as compliant under Rule 345 Section 302					
**FBC Basecoat can only be used with 2.1 RTS VOC (or lower) clearcoats as compliant under Rule 345 Section 302					

Product Code & Name	Hardener/Activator	Additives	Reducer	Mix Ratio	VOC (Less Water Less Exempts)
Multi-Stage Topcoat Clearcoats					System Limit ¹ : 3.5 lbs/gal (420 g/L) (Clearcoat category allows 3.50 lbs./gal (420 g/L) maximum (that layer alone))
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)
F3915 Designer Clear (interior)	F3215	F3415 Accelerator	F3385	10 : 1.5 : 3 + 4 oz. F3415/RTS gal	3.40 (405)
F3920 High Solids Clear	F3200 or F3260	F3400, F3405 or F3410	F3320, 3330, 3340, 3350 or 3360	3 : 1 : ½ + 4 oz. F34xx/RTS/gal	3.45 (413)
F3920 High Solids Clear	F3200 or F3260	F3400, F3405 or F3410	F3385	3 : 1 : 1/2 + 4 oz. F34xx/RTS gal	3.03 (363)
F3921 2.1 VOC Clearcoat	F3210 or F3211	-	F3385, F3390 or F3395	3 : 1 : 1/2	2.05 (246)

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. The exact allowed B/C or C/C VOC value depends on the multi-stage layer VOC following this calculation.



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

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

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PPG Industries
Commercial Coatings
19699 Progress Drive
Strongsville, OH 44149
1-800-647-6050

PPG Canada Inc.
Commercial Coatings
2301 Royal Windsor Drive, Unit #6
Mississauga, Ontario L5J 1K5
1-888-310-4762