

# Transportation VOC Chart



For El Dorado APCD Rule 230 | Automotive Refinishing Operations

Group 1 Vehicles : Cars, large-heavy duty trucks, light/medium duty trucks, vans, and motorcycles  
 Effective: June 1995 Revised: November 2019

Cleaner VOC Limit   .6 lb/gal (72 g/L)						
CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	APPLIED VOC
107™	Low VOC Cleaner	Ready to Use	-	-	-	0.2 lb/gal
130™	Cleaner	Ready to Use	-	-	-	0.0 lb/gal
3821S™	Cleaner	Ready to Use	-	-	-	0.2 lb/gal

Plastic Surface Cleaner VOC Limit   6.5 lb/gal (778 g/L)						
CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	APPLIED VOC
105™	Cleaner	¥ Note in footer	-	-	-	5.4 lb/gal
106™	Cleaner	¥ Note in footer	-	-	-	4.4 lb/gal
108™	Low HAP Cleaner	¥ Note in footer	-	-	-	3.9 lb/gal
2319S™	Plastic Surface Cleaner	¥ Note in footer	-	-	-	5.5 lb/gal
3800S™	Cleaner	¥ Note in footer	-	-	-	6.5 lb/gal
3812S™	Cleaner	¥ Note in footer	-	-	-	5.6 lb/gal
3850S™	Plastic Cleaner	¥ Note in footer	-	-	-	6.5 lb/gal
835S™	Plastic Cleaner	¥ Note in footer	-	-	-	6.5 lb/gal

Pretreatment VOC Limit   6.5 lb/gal (780 g/L)						
CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)*
225S™	Aluminum Metal Cleaner - Step A		1:2	-	water	6.5 lb/gal
226S™	Aluminum Conversion Coating - Step B		RTS	-	-	0.0 lb/gal
235S™	Pretreatment		4:1	236S™	-	6.5 lb/gal
244S™	Pretreatment		RTS	-	-	6.5 lb/gal
250-S™	Pretreatment		1:1	255S™	-	6.5 lb/gal
CF-5717S™	Pretreatment		1:2	-	water	6.5 lb/gal

Primer, Primer Surfacer VOC Limit   2.1 lb/gal (250 g/L)						
Additional additives may be used. Consult technical data sheet for usage and compliance.						
CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)*
1480S™	Primer		4:1	1481S™ / 1489S™	-	2.1 lb/gal
RV400™	Rival™ Urethane Primer		6:1	RV128™	-	2.1 lb/gal

Primer Sealer VOC Limit   3.5 lb/gal (420 g/L)						
Additional additives may be used. Consult technical data sheet for usage and compliance.						
CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)*
13X0S	Primer Filler		4:1	194S™	-	3.5 lb/gal
185XS	Primer		4:1	1852S™	-	3.5 lb/gal
92XS	Primer Sealer		2:1	922S™ / 923S™	-	3.5 lb/gal
934S™	Primer Sealer		5:1	936S™	-	3.5 lb/gal

Single Stage Topcoat VOC Limit   Solid: 3.5 lb/gal (420 g/L) / Metallic: 4.3 lb/gal (515 g/L)						
Additional additives may be used. Consult technical data sheet for usage and compliance.						
QUALITY	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)*
EA	Imron® Elite Single Stage Topcoat		3:1	194S™	-	3.5 lb/gal
EF	Imron® Elite Express Single Stage Topcoat		3:1	196S™	-	3.5 lb/gal
EX	Imron® Elite Productive Single Stage Topcoat		2.5:1	15309S™	-	3.5 lb/gal
EZ	Excel™ Pro™ Single Stage Topcoat		2.5:1	15309S™	-	3.5 lb/gal
RV28	Rival™ Single Stage Topcoat		6:1	RV128™	-	3.5 lb/gal
RV35	Rival™ Topcoat		6:1	RV135™	-	3.5 lb/gal
EX28	Imron® Elite Productive Single Stage Topcoat		3:1	15309S™	-	3.5 lb/gal

Multistage Topcoat VOC Limit   4.5 lb/gal (540 g/L)						
Applied as a system. Must be used with specified clearcoats for compliance. Additional additives may be used. Consult technical data sheet for usage and compliance.						
QUALITY	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)*
EB	Imron® Elite Basecoat		3:1	194S™	-	4.5 lb/gal
EG	Imron® Elite Express Basecoat		3:1	196S™	-	4.5 lb/gal
EW	Imron® Elite Productive Basecoat		3:1	1530XS	-	4.5 lb/gal
EK	Excel™ Pro Basecoat		4:1	1530XS	-	4.5 lb/gal
EY	Imron® Elite Productive Basecoat		3:1	294S™	-	4.5 lb/gal
CT	Imron® Basecoat	See TDS for Hardener choice	4:1:12	15305S™/15309S™/294S™	66X5S	4.5 lb/gal

Clearcoat						
Must be used as a system with basecoat at/under 4.5 VOC for compliance. Additional additives may be used. Consult technical data sheet for usage and compliance.						
CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)*
3420S™	Clearcoat		3:1	1530XS	-	4.5 lb/gal
3430S™	Clearcoat		3:1	1530XS	-	4.5 lb/gal
3480S™	Clearcoat		3:1	194S™	-	4.5 lb/gal
8430S™	Clearcoat		2:1	1530XS	-	4.5 lb/gal
8840S™	Clearcoat		3:1	194S™	-	4.5 lb/gal
8821S™	Clearcoat		3:1	15309S™	-	4.5 lb/gal
EZ-3460S™	Clearcoat		3:1	EZ-3461S™	-	4.5 lb/gal
8890S™	Clearcoat		3:1	294S™	-	4.5 lb/gal
RV500™	Rival™ Polyurethane Clearcoat		6:1	RV1XX	-	4.5 lb/gal
8460S™	Clearcoat		2:1	1530XS	-	4.5 lb/gal
8461S™	Clearcoat		2:1	1530XS	-	4.5 lb/gal
8831S™	Clearcoat		3:1	15309S™/15310S™	-	4.5 lb/gal

Specialty VOC Limit   840 g/L (7.0 lb/gal)						
Can't exceed 5% paint volume on monthly basis						
CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)*
230S™	Adhesion Promoter		+2% by vol.	-	DI Water	7.0 lb/gal
231XS	Sanding Paste		-	-	-	7.0 lb/gal
3401S™	Blender		-	-	-	7.0 lb/gal
6650S™	Blender	See TDS for Hardener choice	16:1	15305S™/15309S™/294S™	-	7.0 lb/gal
830S™	Adhesion Promoter		-	-	-	7.0 lb/gal

Other components that may be used, please consult technical data sheet for usage and compliance. This list is not all-inclusive.						
CODE	DESCRIPTION	REMARKS	CODE	DESCRIPTION	REMARKS	
89S™	Pot Life Extender		19379S™	Application Enhancer		
189S™	Accelerator		236xS	Matting Agent		
389S™	Accelerator		8989S™	Accelerator		
X59S™	Additive		V-2350S™	Flex Additive		
VGF70050	Anti-Cratering Additive		V-389S™	Accelerator		
			2350S™	Flex Additive		

Group 1 Vehicles : Cars, large-heavy duty trucks, light/medium duty trucks, vans, and motorcycles

¥ Must be applied using hand-held spray bottle for compliance, plastics only.

\*Less Water, Less Exempt

All VOC (LE) values listed are Maximum Ready-to-Spray in pounds per gallon

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Hardener = Activator

TDS = Technical Data Sheet

X = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56 AXALTA

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