

# 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: July 1, 1998

Revised: February 2018

## Compliant Aerosol Coating Products

CODE	DESCRIPTION	CODE	DESCRIPTION
402-01™	Gloss Trim Black	421-24™	Primer
402-02™	Flat Trim Black	421-25™	Red Oxide Primer
402-03™	Semi Gloss Trim Black	421-26™	Beige Primer
403-00™	Clearcoat	492-51™	Undercoating

## Surface Cleaner: VOC Limit = 72 g/L (.6 lbs./gal)

CODE	DESCRIPTION	REMARKS	APPLIED VOC
105™	Gun & Equipment Cleaner	¥ See Footer	650 g/L
106™	Cleaner	¥ See Footer	528 g/L
107™	Gun & Equipment Cleaner		25 g/L
108™	Low HAP Cleaner	¥ See Footer	472 g/L
130™	Cleaner		0 g/L
220™	Silicone Remover Low VOC		19 g/L
441-05™	Surface Cleaner	¥ See Footer	778 g/L
441-75™	Surface Cleaner	¥ See Footer	779 g/L

## Pretreatments: VOC limit = 780 g/L (6.5 lbs./gal)

CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)
491-17™	Etch Primer		1:1	441-43™	-	780 g/L
491-55™	Chrome-Free Etch Primer		2:1	-	441-55™	780 g/L

## Adhesion Promoter: VOC limit = 840 g/L (7.0 lbs./gal) - Shall not exceed 5% of all coatings applied on a daily basis.

CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)
491-50™	Adhesion Promoter		RTS	-	-	840 g/L

## Primer / Primer-Surfacers: VOC Limit = 250 g/L (2.1 lbs./gal)

CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)
421-1X	Primer	Ⓐ - See note in footer	4:1	483-03™	-	250 g/L
421-30™	Primer Surfacer		1:1	-	441-60™	250 g/L

## Primer-Sealer VOC Limit = 420 g/L (3.5 lbs./gal)

CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)
421-1X	Sealer	Ⓐ - See note in footer	3:1:2	483-03™	401-X5	420 g/L
491-1X	Primer Sealer		2:1	483-01™ / 483-02™	-	420 g/L
491-21™	Primer		RTS	-	Do Not Use	420 g/L
491-22™	Primer		RTS	-	Do Not Use	420 g/L
491-35™	Primer Sealer		4:1	483-35™ / 483-45™	-	420 g/L

## Single Stage Topcoats: VOC Limit = Solid Colors 420 g/L (3.5 lbs./gal) | 520 g/L (4.3 lbs./gal) Metallic Colors

Additional additives may be used. Consult technical data sheet for usage and compliance.

CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)
IG Quality	Ful-Thane® HS Single Stage Topcoat	Must add 4 oz. 483-54™ RTS gal.	3:1	483-52™	-	420/520 g/L
II Quality	Ful-Thane® HS Single Stage Topcoat	Must add 4 oz. 483-54™ RTS gal.	3:1	483-52™	-	420/520 g/L
IS Quality	Ful-Thane® Single Stage Topcoat		4:1:2	483-56™	441-6X	420/520 g/L
412-01™	Ful-Thane® Single Stage Topcoat		4:1:2	483-56™	441-6X	420 g/L
412-50™	Ful-Thane® Single Stage Topcoat		4:1:2	483-56™	441-6X	420 g/L

## Multi-Stage Topcoats: VOC Limit = 540 g/L (4.5 lbs./gal) - Additional additives may be used, consult technical data sheet for usage & compliance.

Must be used with specified clearcoats for compliance. Consult technical data sheet.

CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)
IR Quality	Ful-Base® 3.5 Basecoat	‡ Optional Activation	1:1	483-56™	441-6X	540 g/L

## Multi-Stage Topcoats: VOC Limit = 540 g/L (4.5 lbs./gal) - Additional additives may be used, consult technical data sheet for usage & compliance.

Must be used with specified basecoats for compliance. Consult technical data sheet.

CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)
419-00™	Clearcoat		2:1	483-13™ / 483-14™	-	540 g/L
462-00™	Clearcoat		4:1	483-84™ / 483-85™	-	540 g/L
468-00™	Clearcoat		4:1	483-84™ / 483-85™	-	540 g/L
468-00™	Clearcoat		3:1	483-86™	-	540 g/L
465-00™	Clearcoat		2:1:20%	483-84™ / 483-85™	441-2X	540 g/L
475-00™	Clearcoat		2:1	483-70™ / 483-71™	-	540 g/L
476-00™	Clearcoat		2:1	483-64™ / 483-65™	-	540 g/L
496-00™	Clearcoat		4:1	483-7X	-	540 g/L
497-00™	Clearcoat		4:1	483-7X	-	540 g/L
498-00™	Clearcoat		4:1	483-7X	-	540 g/L

## Other components that may be used (list is not all-inclusive). Consult technical data sheet for usage and compliance.

CODE	DESCRIPTION	CODE	DESCRIPTION
401-22™	Low VOC Gloss Enhancer	441-83™	Low VOC Flow Additive
441-50™	Gloss Enhancer	483-54™	High Solids Accelerator
483-13™	Gloss Additive	483-99™	Low VOC Sunshield
483-14™	Gloss Additive	495-01™	Fisheye Eliminator
483-18™	Accelerator	495-02™	Topcoat Additive

Ⓐ - Refers to products 421-10™, 421-11™ & 421-12™ only

‡ Optional Activation: Add 1 oz. 483-56™ RTS quart

¥ Plastic parts only, not to exceed 780 g/L (6.5 lbs./gal).

X = 0, 1, 2, 6, 8

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