

VOC Chart

For Butte County AQMD Rule 245, Colusa County APCD Rule 2-42, Shasta County AQMD Rule 3-25 and Tehama County APCD Rule 4-35 : Motor Vehicle Refinishing
Group 1 Vehicles : Cars, large-heavy duty trucks, light/medium duty trucks, vans, and motorcycles



Effective: July 1, 1998

Revised: June 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 = 200 g/L (1.67 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					24 g/L
108™	Low HAP Cleaner	¥ See Footer				472 g/L
130™	Cleaner					0 g/L
210™	Silicone Remover Water					167 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 = 340 g/L (2.8 lbs./gal)						
CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)
421-1X	Primer	⚠ - See note in footer	4:1	483-03™	-	340 g/L
421-30™	Primer Surfacer		1:1	-	441-60™	340 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 = 600 g/L (5.0 lbs./gal)						
Additional additives may be used. Consult technical data sheet for usage and compliance.						
CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)
IB Quality	Ful-Thane® 2K Single Stage Topcoat		8:1:2	483-15™	441-2X	600 g/L
IC Quality	Ful-Base® Single Stage Topcoat		8:1:2	483-08™	441-2X	600 g/L
ID Quality	Ful-Cryl® II Single Stage Topcoat		8:1:2	483-11™	441-2X	600 g/L
IE Quality	FastDry™ Single Stage Topcoat		8:2	-	441-2X	600 g/L
IG Quality	Ful-Thane® HS Single Stage Topcoat	Must add 4 oz. 483-54™ RTS gal.	3:1	483-52™	-	600 g/L
II Quality	Ful-Thane® HS Single Stage Topcoat	Must add 4 oz. 483-54™ RTS gal.	3:1	483-52™	-	600 g/L
IS Quality	Ful-Thane® Single Stage Topcoat		4:1:2	483-56™	441-6X	600 g/L
412-01™	Ful-Thane® Single Stage Topcoat		4:1:2	483-56™	441-6X	600 g/L
412-50™	Ful-Thane® Single Stage Topcoat		4:1:2	483-56™	441-6X	600 g/L
422-05™	Chassis Black		RTS	-	-	600 g/L
Multi-Stage Topcoats: VOC Limit = 600 g/L (5.0 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)
IF Quality	Ful-Base® Basecoat		8:½:4	483-30™	441-2X	600 g/L
IR Quality	Ful-Base® 3.5 Basecoat	‡ Optional Activation	1:1	483-56™	441-6X	600 g/L
Multi-Stage Topcoats: VOC Limit = 600 g/L (5.0 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		4:1:1	483-08™	441-2X	600 g/L
419-00™	Clearcoat		2:1	483-13™ / 483-14™	441-2X	600 g/L
462-00™	Clearcoat		4:1	483-84™ / 483-85™	-	600 g/L
468-00™	Clearcoat		4:1	483-84™ / 483-85™	-	600 g/L
468-00™	Clearcoat		3:1	483-86™	-	600 g/L
465-00™	Clearcoat		2:1:20%	483-84™ / 483-85™	441-2X	600 g/L
475-00™	Clearcoat		2:1	483-70™ / 483-71™	-	600 g/L
476-00™	Clearcoat		2:1	483-64™ / 483-65™	-	600 g/L
496-00™	Clearcoat		4:1	483-7X	-	600 g/L
497-00™	Clearcoat		4:1	483-7X	-	600 g/L
498-00™	Clearcoat		4:1	483-7X	-	600 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

¥ For plastic & road tar only, must be applied using hand-held spray container, 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.