

# VOC Chart

## For the State Of Illinois - Motor Vehicle Refinishing

Title 35 BIC, Parts 218 & 219 - see note in footer

Revised: March 2019

Effective: May 1995



Compliant Aerosol Coating Products			
CODE	DESCRIPTION	CODE	DESCRIPTION
402-01™	Gloss Trim Black	421-25™	Red Oxide Primer
402-02™	Flat Trim Black	421-26™	Beige Primer
402-03™	Semi Gloss Trim Black	441-37™	Nason® Fill-In Can
402-11™	Gloss White	491-40™	Self-Etch Primer
403-00™	Clearcoat	492-51™	Undercoating
421-24™	Primer		

Surface Preparation: VOC Limit = 1.4 lbs./gal (170 g/L)			
CODE	DESCRIPTION	REMARKS	APPLIED VOC
107™	Gun & Equipment Cleaner		0.2 lb/gal
130™	Cleaner		0.0 lb/gal
210™	Silicone Remover Water		1.4 lb/gal
220™	Silicone Remover Low VOC		0.2 lb/gal

Plastic Surface Preparation: VOC Limit = 6.5 lbs./gal (780 g/L) - Plastic parts only!			
CODE	DESCRIPTION	REMARKS	APPLIED VOC
105™	Gun & Equipment Cleaner		5.4 lb/gal
106™	Cleaner		4.4 lb/gal
108™	Low HAP Cleaner		3.9 lb/gal
265™	Plastic Cleaning Paste		0.2 lb/gal
441-05™	Cleaner		6.5 lb/gal
441-75™	Cleaner		6.5 lb/gal

Pretreatments: VOC limit = 6.5 lbs/gal. (780 g/L)						
CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)
491-17™	Etch Primer		1:1	441-43™	-	6.5 lb/gal
PS4000™	Pretreatment Wipes		RTS	-	-	6.5 lb/gal
491-55™	Chrome-Free Etch Primer		2:1	-	441-55™	6.5 lb/gal

Specialty - Adhesion Promoter: VOC limit = 7.0 lbs/gal. (840 g/L)						
CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)
491-50™	Adhesion Promoter		RTS	-	-	7.0 lb/gal

Primer / Primer-Surfacers: VOC Limit = 4.8 lbs/gal. (580 g/L)						
CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)
491-16™	Primer		1:1	483-19™	-	4.8 lb/gal
421-0X	Primer Surfacer		1:1	-	441-62™	4.8 lb/gal
421-1X	Primer		4:1	483-03™	-	4.8 lb/gal
421-23™	Primer Surfacer		1:1	-	441-60™	4.8 lb/gal
421-17™	Primer		4:1	483-87™	-	4.8 lb/gal
421-19™	Primer		4:1	483-87™	-	4.8 lb/gal
421-30™	Primer Surfacer		1:1	-	441-60™	4.8 lb/gal

Primer-Sealer VOC Limit = 4.6 lbs/gal. (550 g/L)						
CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)
421-1X™	Sealer		3:1:2	483-03™	401-X5	4.6 lb/gal
422-5X™	Sealer		4:1	483-87™ / 483-88™	-	4.6 lb/gal
422-46™	Sealer	Option: Reduce with 441-2X	2:1	-	441-00™	4.6 lb/gal
491-1X™	Primer Sealer		2:1	483-01™ / 483-02™	-	4.6 lb/gal
491-35™	Primer Sealer		4:1	483-35™ / 483-45™	-	4.6 lb/gal
491-2X™	Primer	Option: Reduce 20% with 441-2X	RTS	-	See remarks	4.6 lb/gal
422-23™	Sealer		RTS	-	-	4.6 lb/gal

Single Stage Topcoats: VOC Limit = 5.0 lbs/gal. (600 g/L)						
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	5.0 lb/gal
IC Quality	Ful-Base® Single Stage Topcoat		8:1:2	483-08™	441-2X	5.0 lb/gal
ID Quality	Ful-Cryl® II Single Stage Topcoat		8:1:2	483-11™	441-2X	5.0 lb/gal
IE Quality	FastDry™ Single Stage Topcoat		8:2	-	441-2X	5.0 lb/gal
IG Quality	Ful-Thane® HS Single Stage Topcoat	Must add 4 oz. 483-54™ RTS gal.	3:1	483-52™	-	5.0 lb/gal
II Quality	Ful-Thane® HS Single Stage Topcoat	Must add 4 oz. 483-54™ RTS gal.	3:1	483-52™	-	5.0 lb/gal
IS Quality	Ful-Thane® Single Stage Topcoat		4:1:2	483-56™	441-6X	5.0 lb/gal
412-01™	Ful-Thane® Single Stage Topcoat		4:1:2	483-56™	441-6X	5.0 lb/gal
412-50™	Ful-Thane® Single Stage Topcoat		4:1:2	483-56™	441-6X	5.0 lb/gal
422-05™	Chassis Black		RTS	-	-	5.0 lb/gal

Multi-Stage Topcoats: VOC Limit = 5.0 lbs/gal. (600 g/L)						
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	5.0 lb/gal
IR Quality	Ful-Base® 3.5 Basecoat	‡ Optional Activation	1:1	483-56™	441-6X	5.0 lb/gal

Multi-Stage Topcoats: VOC Limit = 5.0 lbs/gal. (600 g/L)						
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	5.0 lb/gal
419-00™	Clearcoat		2:1	483-13™ / 483-14™	441-2X	5.0 lb/gal
462-00™	Clearcoat		4:1	483-84™ / 483-85™	-	5.0 lb/gal
465-00™	Clearcoat		2:1:20%	483-84™ / 483-85™	441-2X	5.0 lb/gal
468-00™	Clearcoat	*Note in footer	3:1	483-84™ / 483-85™	-	5.0 lb/gal
475-00™	Clearcoat		2:1	483-70™ / 483-71™	-	5.0 lb/gal
476-00™	Clearcoat		2:1	483-64™ / 483-65™	-	5.0 lb/gal
496-00™	Clearcoat		4:1	483-7X	-	5.0 lb/gal
497-00™	Clearcoat		4:1	483-7X	-	5.0 lb/gal
498-00™	Clearcoat		4:1	483-7X	-	5.0 lb/gal

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

Title 35 Subtitle B, Chapter I, Subchapter C: Emissions Standards & Limitations for Stationary Sources - Parts 218 Chicago & 219 Metro East

Chicago Area : Cook, DuPage, Kane, Lake, McHenry & Will Counties; Aux Sable, Goose Lake and Oswego Townships

Metro East Area : Madison, Monroe, and St.Clair Counties

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

\*Consult TDS for alternate recommendation

X = 0, 1, 2, 6, 8, 9

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