

# Transportation Low VOC Chart

For San Joaquin Valley APCD Rule 4612  
Motor Vehicle and Mobile Equipment Coating Operations



Effective: October 21, 2010

Revised: November 2019

Cleaner VOC Limit   25 g/L (0.21 lb/gal)						
CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	APPLIED VOC
107™	Low VOC Cleaner		-	-	-	24 g/L
130™	Cleaner		-	-	-	0 g/L
3821S™	Cleaner		-	-	-	25 g/L
Pretreatment VOC Limit   660 g/L (5.5 lb/gal)						
CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	APPLIED VOC
CF-5717S™	Metal Conditioner		1:2	-	Water	660 g/L
Adhesion Promoter VOC Limit   540 g/L (4.5 lb/gal)						
CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)*
230S™	Adhesion Promoter		+2% by vol.	-	DI Water	540 g/L
830S™	Adhesion Promoter		-	-	-	540 g/L
Uniform Finish Coating or Blender VOC Limit   540 g/L (4.5 lb/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)*
6650S™	Blender	See TDS for choice of hardener	16:1	15305S™, 15309S™, 294S™	-	540 g/L
Primer VOC Limit   250 g/L (2.1 lb/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)*
1480S™	Primer		4:1	1481S™ / 1489S™	-	250 g/L
RV400™	Rival™ Urethane Primer		6:1	RV128™	-	250 g/L
Primer Sealer VOC Limit   250 g/L (2.1 lb/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)*
1380S™	Primer Filler		4:1	194S™	-	250 g/L
92XS	Primer Sealer		2:1	922S™ / 923S™	-	250 g/L
Single Stage Topcoat VOC Limit   340 g/L (2.8 lb/gal)						
Additional additives may be used. Consult technical data sheet for usage and compliance.						
QUALITY	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)*
EX	Imron® Elite Productive Single Stage Topcoat		2.5:1	15309S™	-	340 g/L
EZ	Excel™ Pro™ Single Stage Topcoat		2.5:1	15309S™	-	340 g/L
RV28	Rival™ Single Stage Topcoat		6:1	RV128™	-	340 g/L
EX28	Imron® Elite Productive Single Stage Topcoat		3:1	15309S™	-	340 g/L
Color Coating VOC Limit   420 g/L (3.5 lb/gal)						
Additional additives may be used. Consult technical data sheet for usage and compliance.						
QUALITY	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)*
CT	Imron® Basecoat	See TDS for choice of hardener	4:1:12	15305S™, 15309S™, 294S™	66X5S	420 g/L
EB	Imron® Elite Basecoat		3:1	194S™	-	420 g/L
EG	Imron® Elite Express Basecoat		3:1	196S™	-	420 g/L
EW	Imron® Elite Productive Basecoat		3:1	1530XS	-	420 g/L
EK	Excel™ Pro Basecoat		4:1	1530XS	-	420 g/L
EY	Imron® Elite Productive Basecoat		3:1	294S™	-	420 g/L
Clearcoat VOC Limit   250 g/L (2.1 lb/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)*
3420S™	Clearcoat		3:1	15309S™	-	250 g/L
8821S™	Clearcoat		3:1	15309S™	-	250 g/L
8831S™	Clearcoat		3:1	15309S™/15310S™	-	250 g/L
RV500™	Rival™ Polyurethane Clearcoat		6:1	RV128™	-	250 g/L
Other components that may be used, please consult technical data sheet for usage and compliance. This list is not all-inclusive.						
CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)*
V-2350S™	Flex Additive		-	-	-	-
389S™	Accelerator		-	-	-	-
V-389S™	Accelerator		-	-	-	-
VGF70050™	Anti-Cratering Additive		-	-	-	-
V-459S™	Anti-Cratering Additive		-	-	-	-
236XS	Matting Agent		-	-	-	-
19379S™	Application Enhancer		-	-	-	-
X59S™	Additive		-	-	-	-
8989S™	Accelerator		-	-	-	-
89S™	Pot Life Extender		-	-	-	-
189S™	Accelerator		-	-	-	-
Non-coatings not impacted by Rule 4612						
CODE	DESCRIPTION	REMARKS	MIX RATIO	HARDENER	REDUCER	MAX APPLIED VOC (LE)*
2310S™	Plastic Paste		-	-	-	-

\*Less Water, Less Exempt

X = 1, 2, 3, 4, 5, 6, 7, 8

Hardener = Activator

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

TDS = Technical Data Sheet