



# Regulated Markets VOC Wall Charts

Products as Applied												
Product	Mix Ratio	Hardener	Activator / Reducer	Additive	Applied VOC, g/L		% Volatile	% Water		% Exempt Solvent		Density
					Regulatory	Actual	Weight	Weight	Volume	Weight	Volume	g/l
<b>Color Coating (Basecoat) Coating Category Limit: 420 g/L</b>												
Autowave MM	100:30		Activator WB		416	110	83.89	73.09	73.65	0.00	0.00	1015
<b>Clear Coating Coating Category Limit: 250 g/L</b>												
Autoclear HS+LV 2 Pack Slow or Fast	2:1	Autoclear HS + LV 2Pk Hardener			221	110	65.00	0.00	0.00	55.6	50.41	1165
AC EnergySelect LV with Matte Select	2:1:2.7	Energy Select LV Hardener		Matte Select	248	124	64.1	0.00	0.00	53.85	50.07	1209
Autoclear Superior 250 2 Pack Slow or Fast	2:1	Autoclear Superior 250 2Pk Hardener			241	163	50.92	0.00	0.00	36.39	32.55	1121
Autoclear EnergySelect LV 2 Pack Slow or Fast	2:1	Energy Select LV Hardener			237	132	59.69	0.00	0.00	48.19	44.17	1150



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## Products as Applied, continued

Product	Mix Ratio	Hardener	Activator / Reducer	Additive	Applied VOC, g/L		% Volatile	% Water		% Exempt Solvent		Density
					Regulatory	Actual	Weight	Weight	Volume	Weight	Volume	g/l
<b>Pretreatment Coating</b>		<b>Coating Category Limit: 660 g/L</b>										
Autoprep Etching Pen CF					0	0	0.0	97.0	97.0	0.0	0.0	1011
Autoprep Pretreatment Wipes					8	8	0.8	96.7	96.8	0.8	0.9	0
<b>Adhesion Promoter</b>		<b>Coating Category Limit: 540 g/L (Canada: 840 g/l)</b>										
Primer PO LV					493	11	99.00	0.00	0.00	98.00	97.72	1125
<b>Primer (Primer Surfacer)</b>		<b>Coating Category Limit: 250 g/L</b>										
Autosealer WB	100:20:20		Activator WB	Autowave MM toner	191	67	56.57	51.34	65.25	0.00	0.00	1272
High Build Surfacer Gray	3:1	Colorbuild Plus 250 Hardener			234	147	38.85	0.00	0.00	29.24	37.41	1526
Polysurfacer		Polysurfacer Hardener	N/A	N/A	214*	214**	7.7	0.1	0.1	0.0	0.0	1512
Colorbuild Plus 250	4:1:1	Colorbuild Plus 250 Hardener	Colorbuild Plus 250 Slow Activator		214	106	49.27	0.00	0.00	42.67	50.50	1603
	100:33 CBP 250 w/ EoA, then 4:1:1	Colorbuild Plus 250 Hardener	Colorbuild Plus 250 Slow Activator	LV Elast-O-Activ	218	116	50.17	0.00	0.00	42.37	46.77	1492
	4:1:1 then 7 mL/ RTS L LV250 Accelerator	Colorbuild Plus 250 Hardener	Colorbuild Plus 250 Slow Activator	LV250 Accelerator	217	107	49.35	0.00	0.00	42.63	50.38	1599
<b>Primer (Primer Sealer)</b>		<b>Coating Category Limit: 250 g/L (Canada: 340 g/l)</b>										
Colorbuild Plus 250	3:1:1	Colorbuild Plus 250 Hardener	Colorbuild Plus 250 Slow Activator		225	107	52.18	0.00	0.00	45.36	52.59	1568
	100:33 CBP 250 w/ EoA, then 3:1:1	Colorbuild Plus 250 Hardener	Colorbuild Plus 250 Slow Activator	LV Elast-O-Activ	229	116	53.19	0.00	0.00	45.27	49.23	1468
	100:40 CBP 250 w/ Underhood Additive then	Colorbuild Plus 250 Hardener	Colorbuild Plus 250 Slow Activator	Underhood Additive	223	103	56.50	0.00	0.00	49.46	54.07	1458
<b>Other Coatings</b>		<b>Coating Category Limit: 250 g/L</b>										
OTO Body Coat					50	22	48.35	46.32	55.73	0.20	0.27	1203

\* VOC data verified by EPA Method 24 testing.

### Regulated Markets

This chart is intended to include areas referred to as regulated markets including the following geographic areas:

Canada	Regulated Air Quality Districts in the State of California, including		
State of Delaware	Antelope Valley	Kern	Santa Barbara
State of Maryland	Bay Area	Mojave Desert	Shasta
State of Utah - non-attainment	Butte	Placer	South Coast
	El Dorado	Sacramento Metropolitan	Tehama
	Glenn	San Diego	Ventura
	Colusa	San Joaquin Valley Unified	Yolo Solano
	Imperial	San Luis Obispo	

### Coatings Calculations

$$\text{VOC Regulatory content} = \frac{Wv - Ww - Wec}{Vm - Vw - Vec}$$

### Solvent Calculations

$$\text{VOC Actual content} = \frac{Wv - Ww - Wec}{Vm}$$

VOC content in grams/liter

Wv = weight of volatiles in grams

Ww = weight of water in grams

Wec = weight of exempt compounds in grams

Vm = volume of material in liters

Vw = volume of water in liters

Vec = volume of exempt compounds in liters

$$\text{Conversion from g/l to lb/gal} = X \text{ g/l} / 119.83$$

**Always consult the product specific Technical Data Sheet (TDS)  
for exact mixing and use instructions.**



# Regulated Markets VOC Wall Charts

## Components as Supplied

Product	SAP Item No.	Supplied VOC, g/L		% Volatile	% Water		% Exempt Solvent		Density
		Regulatory	Actual	Weight	Weight	Volume	Weight	Volume	g/l
		Activator WB	391196	906	10	100.0	99.0	98.9	0.0
Autoclear EnergySelect LV Fast	527668	289	168	60.5	0.0	0.0	45.2	41.6	1108
Autoclear EnergySelect LV Slow	527670	273	169	56.6	0.0	0.0	41.2	38.0	1100
Autoclear EnergySelect LV Hadener	527669	118	60	58.3	0.0	0.0	53.5	49.3	1235
Autoclear HS+LV 2 Pack Fast	481027	268	162	59.2	0.0	0.0	44.4	39.4	1095
Autoclear HS+LV 2 Pack Slow	481028	272	165	59.2	0.0	0.0	44.2	39.5	1103
Autoclear HS+LV 2 Pack Hardener	481026	0	0	75.0	0.0	0.0	75.0	72.2	1290
Matte Select	500324	264	114	68.5	0.0	0.0	59.5	56.6	1275
Matte Select Reducer	500325	0	0	100.0	0.0	0.0	100.0	100.0	1340
Autoclear Superior 250 2 Pack Fast	480807	332	240	53.8	0.0	0.0	31.4	28.0	1066
Autoclear Superior 250 2 Pack Slow	480806	339	238	55.4	0.0	0.0	33.4	29.9	1081
Autoclear Superior 250 2 Pack Hardener	480808	0	0	42.7	0.0	0.0	42.7	39.0	1231
Autoprep Pretreatment Wipes	1014570	8	8	0.8	96.7	96.8	0.8	0.9	0
Autoprep Etching Pen CF	398576	0	0	0.0	97.0	97.0	0.0	0.0	1011
Autosealer WB	481361	166	72	46.5	41.2	56.4	0.0	0.0	1370
Autowave Additive LP	391192	414	34	95.9	92.4	91.7	0.0	0.0	993
Autowave Underhood Additive	398179	0	0	58.3	0.0	0.0	58.3	54.7	1258
Colorbuild Plus 250 Activator Medium	397940	796	120	99.6	0.0	0.0	90.1	84.9	1263
Colorbuild Plus 250 Activator Slow	397941	910	120	99.6	0.0	0.0	90.3	86.8	1288
Colorbuild Plus 250 Activator Spot & Panel	397939	792	120	99.6	0.0	0.0	90.1	84.9	1262
Colorbuild Plus 250 Activator Extra Slow	397942	439	169	83.5	0.0	0.0	69.3	61.6	1190
Colorbuild Plus 250 Hardener	397938	256	113	70.9	0.0	0.0	61.6	55.9	1216
Colorbuild Plus 250 Underhood Additive	397952	147	76	60.0	0.0	0.0	53.3	48.8	1138
High Build Surfacer Gray	483903	230	158	30.9	0.0	0.0	21.2	31.3	1629
LV 250 Accelerator	389353	508	340	69.4	0.0	0.0	34.2	33.0	964
LV Elast-o-Actif	398218	198	164	36.0	0.0	0.0	21.2	17.5	1106
OTO Bodycoat	398867	50	22	48.3	46.3	55.7	0.2	0.3	1203
Polysurfacer & Hardener (includes 303598)	315793, 528319	183	183	11.9	0.0	0.0	0.0	0.0	1539
Primer PO LV	481126	493	11	99.0	0.0	0.0	98.0	97.7	1125
Reducer SRA 4.5	397904	458	30	96.4	0.0	0.0	93.4	93.4	995
WB Hardener	540824	350	350	32.7	0.0	0.0	0.0	0.0	1069



# Regulated Markets VOC Wall Charts

## Toners as Supplied

Product	SAP Item No.	Supplied VOC, g/L		% Volatile	% Water		% Exempt Solvent		Density	
		Regulatory	Actual	Weight	Weight	Volume	Weight	Volume	g/l	
<b>Autowave® Mixing Colors</b>										
974 Yellow (orange) transp.	368582	373	91	82.9	74.0	75.5	0.0	0.0	1022	
00 White	391094	377	103	75.5	66.2	72.5	0.0	0.0	1105	
101 White Transparent	393896	375	92	83.3	74.3	75.5	0.0	0.0	1025	
254 Orange (red)	391098	339	97	79.7	70.2	71.3	0.0	0.0	1025	
266 Yellow (Green) Transparent	483096	369	87	84.6	76.0	76.4	0.0	0.0	1013	
332GA Green (yellow) pearl	391103	330	82	79.5	71.8	75.3	0.0	0.0	1060	
332GB Green (yellow) pearl fine	391104	333	81	79.8	72.1	75.6	0.0	0.0	1059	
332RA Red (violet) pearl	391105	330	80	80.0	72.5	75.7	0.0	0.0	1055	
332XB Blue (green) sparkle	391108	393	100	83.7	73.9	74.6	0.0	0.0	1020	
332XG Yellow (green) sparkle	391109	354	80	84.2	76.4	77.3	0.0	0.0	1022	
332XS White sparkle	391110	352	81	83.9	76.0	77.1	0.0	0.0	1024	
332YA Yellow (green) pearl	391111	329	81	79.5	71.9	75.3	0.0	0.0	1059	
333P White pearl	391112	328	81	79.7	72.0	75.2	0.0	0.0	1055	
333PB Blue (green) pearl	391113	330	81	79.8	72.2	75.6	0.0	0.0	1057	
333PG Yellow (green) pearl	391114	327	81	79.4	71.7	75.1	0.0	0.0	1058	
333PR Red (orange) pearl	391115	332	81	80.2	72.5	75.7	0.0	0.0	1054	
334GA Green (yellow) pearl	391116	334	81	80.3	72.6	75.8	0.0	0.0	1054	
334GB Green (blue) pearl	391117	331	81	80.0	72.4	75.6	0.0	0.0	1055	
334PR Red (orange) pearl fine	391118	388	95	81.4	72.4	75.6	0.0	0.0	1053	
334RA Copper (red) pearl fine	391119	333	81	79.7	72.0	75.5	0.0	0.0	1059	
334RB Copper (red) pearl	391120	329	91	79.6	72.0	75.4	0.0	0.0	1059	
334RC Green (blue) pearl	391121	335	79	80.4	72.9	76.3	0.0	0.0	1057	
334WA White pearl extra fine	391123	333	81	80.4	72.7	75.7	0.0	0.0	1052	
334WB White pearl fine	391124	329	81	79.6	72.0	75.4	0.0	0.0	1059	
334 XR Red (Orange) Sparkle	510557	346	80	81.9	74.2	76.7	0.0	0.0	1045	
334ZA Graphite	391127	363	86	84.1	75.6	76.3	0.0	0.0	1019	
335 Yellow (green)	391128	368	106	78.7	68.7	71.3	0.0	0.0	1050	
342 Blue (violet) transp.	391129	371	99	83.0	73.2	73.4	0.0	0.0	1012	
360 Red (orange)	391132	371	105	79.1	69.1	71.8	0.0	0.0	1050	
361 Yellow (orange)	391133	362	102	81.2	71.2	72.0	0.0	0.0	1019	
379 Blue (green) transp.	391134	369	102	82.1	72.0	72.3	0.0	0.0	1015	
400 Deep black	391135	343	89	82.7	73.9	74.0	0.0	0.0	1011	
527 Red (violet) transp.	391136	261	73	77.5	70.4	72.0	0.0	0.0	1027	
534 Blue (violet)	391138	367	103	81.9	71.8	72.1	0.0	0.0	1014	
537 Violet (red) transp.	391139	283	85	78.0	69.7	71.0	0.0	0.0	1025	
558 Yellow (orange)	391141	378	107	80.2	70.0	71.8	0.0	0.0	1036	
568 Red (orange) transp.	391142	363	101	81.1	71.3	72.1	0.0	0.0	1022	
575 Blue (green) transp.	391143	355	93	82.3	73.2	73.8	0.0	0.0	1017	
579 Yellow (orange) transp.	391145	364	100	82.0	72.2	72.8	0.0	0.0	1017	
599 Red (orange) transp.	391146	373	101	83.0	72.9	72.9	0.0	0.0	1010	
666 Correction Binder	391147	185	34	85.2	81.9	81.6	0.0	0.0	1007	
732 Green (blue) transp.	391148	366	98	81.9	72.3	73.2	0.0	0.0	1022	
744 Mixing black	391149	367	98	82.7	73.1	73.3	0.0	0.0	1014	
777 Flop controller	391150	336	95	80.5	71.2	71.8	0.0	0.0	1018	



# Regulated Markets VOC Wall Charts

## Toners as Supplied, continued

Product	SAP Item No.	Supplied VOC, g/L		% Volatile	% Water		% Exempt Solvent		Density	
		Regulatory	Actual	Weight	Weight	Volume	Weight	Volume	g/l	
<b>Autowave® Mixing Colors, continued</b>										
888C Metallic fine	391151	567	567	53.0	0.0	0.0	0.0	0.0	1071	
888CC Metallic coarse	391152	570	570	53.2	0.0	0.0	0.0	0.0	1071	
888DC Metallic sparkle coarse	391153	581	581	54.4	0.0	0.0	0.0	0.0	1069	
888DF Metallic sparkle	391154	587	587	54.6	0.0	0.0	0.0	0.0	1074	
888EC Metallic extra coarse	391155	570	570	52.0	0.0	0.0	0.0	0.0	1097	
888MS Metallic fine bright	391156	582	582	54.5	0.0	0.0	0.0	0.0	1069	
888YA Yellow (orange) metallic	391157	585	585	55.0	0.0	0.0	0.0	0.0	1064	
952 Orange (red) transp.	391158	338	72	85.7	78.5	78.7	0.0	0.0	1011	
954 Violet (red) transp.	391159	351	114	77.4	66.3	67.5	0.0	0.0	1023	
971 Violet (blue) transp.	391160	365	100	82.3	72.5	72.6	0.0	0.0	1012	
098 White high strength	391162	243	78	65.3	58.6	68.0	0.0	0.0	1069	
980 Blue (Green) Transparent	391163	369	102	82.4	72.3	72.4	0.0	0.0	1011	
332BA Blue (violet) pearl fine	393897	330	81	79.8	72.1	75.4	0.0	0.0	1057	
332VA Violet (blue) pearl	393898	332	81	80.2	72.5	75.6	0.0	0.0	1053	
577 Green (yellow) transp.	393899	298	73	80.7	73.6	75.4	0.0	0.0	1033	
296 Yellow (orange)	393901	238	71	74.6	67.9	70.3	0.0	0.0	1043	
350 Violet (red)	482951	202	63	72.7	66.6	68.3	0.0	0.0	1042	
355 Red (orange)	482952	294	95	75.6	66.2	67.3	0.0	0.0	1032	
1001 Black ED	482953	303	58	87.0	81.2	80.8	0.0	0.0	1005	
1002 Blue ED	482954	304	58	87.1	81.4	81.0	0.0	0.0	1004	
245 Deep black	483018	396	98	84.1	74.5	75.3	0.0	0.0	1012	
<b>Autowave® Special Effect Toners</b>										
337RA Red to Gold	399926	363	88	81.8	73.4	75.7	0.0	0.0	1043	
337WA Silver to Green	399927	362	88	81.8	73.4	75.8	0.0	0.0	1042	
337YA Gold to Silver	399928	363	88	81.8	73.3	75.8	0.0	0.0	1043	
337GA Green to Purple	399929	361	88	81.8	73.3	75.7	0.0	0.0	1042	
337BB Cyan to Purple	399930	362	88	81.8	73.3	75.7	0.0	0.0	1042	
337BA Blue to Red	399931	362	88	81.8	73.3	75.7	0.0	0.0	1042	
337RB Magenta to Gold	399932	362	88	81.8	73.3	75.7	0.0	0.0	1042	
338 SA Silver Argentum	369093	437	57	92.3	86.6	87.0	0.0	0.0	1004	
338 NB SEC Orange (Red) Metallic	494031	585	585	55.0	0.0	0.0	0.0	0.0	1064	
338 NC SEC Coarse Sparkling Silver	494027	160	33	79.3	76.1	79.3	0.0	0.0	1052	
338 NF SEC Fine Sparkling Silver	494032	162	33	80.1	77.0	79.5	0.0	0.0	1044	
339 NA SEC Lilac to Blue	480512	158	33	78.4	75.3	79.1	0.0	0.0	1061	
338 NS SEC Sparkle Silver Rainbow	541499	342	84	82.4	74.2	75.4	0.0	0.0	1027	
339 NB SEC Red to Green	480513	155	33	78.4	75.3	78.7	0.0	0.0	1057	
339 NC SEC Green to Orange	480514	158	33	78.4	75.3	79.1	0.0	0.0	1061	
339 NE SEC Green Sparkle	480515	166	33	78.4	75.3	79.9	0.0	0.0	1072	
339 ND SEC Lilac Sparkle	481124	165	33	78.4	75.3	79.8	0.0	0.0	1070	
339 NJ SEC Gold to Blue	494030	316	78	79.8	72.4	75.3	0.0	0.0	1050	
339NG SEC Turquoise to Gold	483298	158	33	78.4	75.3	79.1	0.0	0.0	1062	
338NM SEC Medium Sparkling Silver	484255	327	76	81.8	74.5	76.8	0.0	0.0	1040	
338ND SEC Blue Metallic	540477	595	595	57.3	0	0	0	0	1038	

<b>Colorbuild™ Plus 250 Primer Toners</b>									
Colorbuild™ Plus 250 Black	397932	<b>154</b>	87	40.5	0.0	0.0	35.4	43.7	1683
Colorbuild™ Plus 250 Blue	397934	<b>154</b>	91	38.5	0.0	0.0	33.2	41.2	1690
Colorbuild™ Plus 250 Green	397935	<b>153</b>	88	39.4	0.0	0.0	34.3	42.6	1693
Colorbuild™ Plus 250 Red	397933	<b>163</b>	95	39.5	0.0	0.0	33.9	41.5	1670
Colorbuild™ Plus 250 White	397937	<b>168</b>	101	36.5	0.0	0.0	30.8	40.1	1779
Colorbuild™ Plus 250 Yellow	397936	<b>149</b>	88	37.2	0.0	0.0	32.2	41.0	1738

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