VOC Wall Chart
Regulated Markets
USA and Canada

Product	Mix Ratio	Hardener	Activator / Reducer	VOC g/L, as applied		% Volatile	% Water		% Exempt		Density
				Regulatory	Actual	Weight	Weight	Volume	Weight	Volume	g/L
Pre-Treatment/Cleaners		**Pretreatment Coating Category Limit: 660 g/L**			**(Cleaners Coating Category Canada: 50 g/L)**						
Autoprep Pretreatment Wipes	Ready for use	N/A	N/A	8	8	NA	NA	NA	NA	NA	NA
Wandaclean Degreaser*	Ready for use	N/A	N/A	755	755	99.9	0.0	0.0	0.0	0.0	755
Autoprep Ultra Prep Surface Cleaner	Ready for use	N/A	N/A	8	8	0.7	98.9	98.9	0.0	0.0	1000
Adhesion Promoter		**Coating Category Limit: 540 g/L**			**(Canada: 840 g/L)**						
Wanda Plastic Primer**	Ready for Use	N/A	N/A	831	831	99.0	0.0	0.0	0.0	0.0	839
Primer Surfacer		**Coating Category Limit: 250 g/L**									
Wanda 7000 Epoxy Primer	3:1	Wanda Epoxy Hardener	N/A	246	166	39.0	0.0	0.0	27.7	32.4	1475
Wanda Low VOC Primer	4:1:0-20%	Wanda Low VOC Hardener	Wanda Low VOC Reducer	175	91	46.4	0.0	0.0	40.7	48.3	1589
Primer Sealer		**Coating Category Limit: 250 g/L**			**(Canada: 340 g/L)**						
Wanda Low VOC Primer	4:1:1-2	Wanda Low VOC Hardener	Wanda Low VOC Reducer	197	94	51.5	0.0	0.0	45.4	52.3	1543
Color Coating (Basecoat)		**Coating Category Limit: 420 g/L**									
Wanda Waterbase	100:5-20%	N/A	Wanda Waterbase Reducer	400	84	85.9	77.7	79.1	0.0	0.0	1023
Clearcoat		**Coating Category Limit: 250 g/L**									
Wanda Low VOC Clear Standard	2:1:0-10%	Wanda Low VOC Hardener	Wanda Low VOC Reducer	222	112	63.4	0.0	0.0	53.8	49.6	1169
Wanda Low VOC Clear Slow	2:1:0-10%	Wanda Low VOC Hardener	Wanda Low VOC Reducer	199	104	60.7	0.0	0.0	51.7	47.6	1165

Products recommended for use in Regulated Markets do not contain t-butyl acetate.

*Wandaclean Degreaser must be applied utilizing hand-held pump style spray bottles when used to prepare surfaces prior to sanding.

**Wanda Plastic Primer is not compliant for use in California.

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		Regulatory	Actual	Weight	Weight	Volume	Weight	Volume	g/L
1014570	Autoprep Pretreatment Wipes	8	8	NA	NA	NA	NA	NA	NA
509927	Autoprep Ultra Prep Surface Cleaner	707	8	0.7	98.9	98.9	0.0	0.0	1000
520192	Wandaclean Degreaser	755	755	99.9	0.0	0.0	0.0	0.0	755
484195	Wanda Plastic Primer	831	831	99.0	0.0	0.0	0.0	0.0	839
551751	Wanda 7000 Epoxy Primer	217	160	30.3	0.0	0.0	20.1	26.3	1578
481324	Wanda Low VOC Primer	178	107	36.4	0.0	0.0	30.3	39.7	1754
	Wanda Waterbase				Toner Specific				
481327	Wanda Low VOC Clear Standard	294	168	61.8	0.0	0.0	46.7	43.0	1109
481329	Wanda Low VOC Clear Slow	257	155	57.0	0.0	0.0	43.0	39.8	1104
481326	Wanda Low VOC Hardener	0	0	58.3	0.0	0.0	58.3	54.7	1258
551716	Wanda 7000 Epoxy Hardener	378	186	74.4	0.0	0.0	58.4	50.7	1165
481330	Wanda Low VOC Reducer	483	114	90.0	0.0	0.0	81.0	76.3	1263
481232	Wanda Waterbase Reducer	398	3	0.3	99.3	99.2	0.0	0.0	1000

Table 1 - Regulated Markets

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

Canada

States of Delaware and Maryland

Utah Counties:

Box Elder	Cache	Davis
Salt Lake	Tooele	Utah County
Weber		

Regulated Air Quality Districts in the State of California, including:

Antelope Valley	Kern	Santa Barbara
Bay Area**	Mojave Desert	Shasta
Butte	Placer	South Coast
El Dorado	Sacramento Metropolitan	Tehama
Glenn	San Diego	Ventura
Colusa	San Joachin Valley Unified	Yolo Solano
Imperial	San Luis Obispo	

**Bay Area Air Quality Management District (BAAQMD) does not recognize methyl acetate as a VOC exempt solvent. Therefore, coating products listed above with an asterisk (*) are not recommended for use in that district.

Table 2

Coatings Calculation	Solvent Calucation
VOC Regulatory = $\frac{Wv - Ww - Wec}{Vm - Vw - Vec}$	VOC Actual = $\frac{Wv - Ww - Wec}{Vm}$

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

Where:

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

Vec = volume of exempt compounds in liters

Conversion from g/L to lb/gal: VOC lb/gal = VOC g/L X 119.83

*** Values for toners represent the worst case (highest VOC result) for the product line using the recommended mix ratios.

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Item #		Product	VOC g/L, as supplied		% Volatile	% Water		% Exempt		Density
			Regulatory	Actual	Weight	Weight	Volume	Weight	Volume	g/L
481192	W000	WB MM Correction Binder	238	49	4.9	79.8	79.4	0.0	0.0	1005
481195	W001	WB MM Flop Controller	350	105	10.3	69.0	69.9	0.0	0.0	1022
481170	W100	WB MM White	380	105	9.5	66.0	72.3	0.0	0.0	1105
481169	W101	WB MM White High Strength	256	73	6.1	60.8	71.6	0.0	0.0	1182
481171	W102	WB MM White Transparent	400	100	9.7	73.5	75.0	0.0	0.0	1028
481172	W144	WB MM Deep Black	357	93	9.2	73.7	73.9	0.0	0.0	1015
481182	W145	WB MM Deep Black	361	98	9.7	72.7	72.9	0.0	0.0	1011
481194	W160	WB MM Mixing Black	387	108	10.7	71.8	72.1	0.0	0.0	1012
481183	W221	WB MM Red (Violet) Transparent	276	78	7.6	70.1	71.8	0.0	0.0	1028
481187	W233	WB MM Red (Orange) Transp	371	108	10.6	70.1	70.9	0.0	0.0	1021
481191	W234	WB MM Red (Orange) Transp	400	115	11.5	71.3	71.1	0.0	0.0	1006
481173	W235	WB MM Orange (Red)	343	102	9.9	69.2	70.3	0.0	0.0	1025
494046	W236	WB MM Brilliant Red	276	92	8.9	65.3	66.5	0.0	0.0	1033
481179	W239	WB MM Red (Orange)	385	115	10.9	66.8	70.2	0.0	0.0	1060
481196	W322	WB MM Orange (Red) Transp	364	72	7.1	79.8	80.2	0.0	0.0	1012
481180	W346	WB MM Yellow (Orange)	378	116	11.4	68.5	69.3	0.0	0.0	1021
481199	W432	WB MM Yellow (Orange) Transp	340	88	8.6	73.3	74.1	0.0	0.0	1024
481186	W434	WB MM Yellow (Orange)	398	120	11.5	67.5	69.8	0.0	0.0	1044
481175	W435	WB MM Yellow (Orange)	248	74	7.1	67.6	70.2	0.0	0.0	1043
481190	W436	WB MM Yellow (Orange) Transp	436	128	12.7	70.3	70.6	0.0	0.0	1012
558338	W451	WB MM Yellow (Green) Transp	373	89	8.8	75.8	76.1	0.0	0.0	1013
481174	W452	WB MM Yellow (Green) Transp	367	101	9.9	71.6	72.4	0.0	0.0	1021
481176	W459	WB MM Yellow (Green)	373	107	10.2	68.6	71.4	0.0	0.0	1051
481189	W545	WB MM Green (Yellow) Transp	294	74	7.1	72.7	74.9	0.0	0.0	1040
481193	W565	WB MM Green (Blue) Transparent	385	108	10.6	70.7	71.8	0.0	0.0	1024
481177	W622	WB MM Blue (Violet) Transparent	390	108	10.7	72.0	72.2	0.0	0.0	1011
481188	W651	WB MM Blue (Green) Transparent	364	101	9.9	71.8	72.3	0.0	0.0	1016
481200	W653	WB MM Blue (Green) Transparent	378	106	10.5	72.2	72.0	0.0	0.0	1007
481181	W658	WB MM Blue (Green) Transparent	387	114	11.2	70.2	70.5	0.0	0.0	1014
481184	W676	WB MM Blue (Violet)	385	114	11.3	70.0	70.3	0.0	0.0	1012
481185	W723	WB MM Violet (Red) Transparent	212	53	5.1	73.3	75.1	0.0	0.0	1031
481197	W725	WB MM Violet (Red) Transparent	358	119	11.6	65.6	66.8	0.0	0.0	1023
494047	W727	WB MM Magenta	218	68	6.5	67.3	68.9	0.0	0.0	1039
481198	W766	WB MM Violet (Blue) Transparent	387	110	10.9	71.6	71.6	0.0	0.0	1009
481225	W801	WB MM Metallic Fine	567	567	53.0	0.0	0.0	0.0	0.0	1071
481230	W802	WB MM Metallic Fine Bright	582	582	54.5	0.0	0.0	0.0	0.0	1069
481228	W803	WB MM Metallic Sparkle	590	590	55.6	0.0	0.0	0.0	0.0	1061
481227	W804	WB MM Metallic Sparkle Coarse	578	578	53.5	0.0	0.0	0.0	0.0	1081
481226	W805	WB MM Metallic Coarse	570	570	53.2	0.0	0.0	0.0	0.0	1071
481229	W806	WB MM Metallic Extra Coarse	570	570	52.0	0.0	0.0	0.0	0.0	1097
481231	W841	WB MM Yellow (Orange) Metallic	585	585	55.0	0.0	0.0	0.0	0.0	1064
481211	W900	WB MM White Pearl	338	84	7.8	70.4	75.2	0.0	0.0	1077
481221	W901	WB MM White Pearl Extra Fine	346	83	7.7	71.3	75.9	0.0	0.0	1074
481222	W902	WB MM White Pearl Fine	343	83	7.7	70.8	75.7	0.0	0.0	1079
481209	W903	WB MM White Sparkle	377	84	8.2	76.3	77.8	0.0	0.0	1028
481224	W914	WB MM Graphite	398	91	8.9	75.7	77.1	0.0	0.0	1025

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Item #		Product	VOC g/L, as supplied		% Volatile	% Water		% Exempt		Density
			Regulatory	Actual	Weight	Weight	Volume	Weight	Volume	
481217	W920	WB MM Red (Orange) Pearl Fine	429	103	9.6	71.2	75.9	0.0	0.0	1074
481204	W923	WB MM Red (Violet) Pearl	343	82	7.6	71.8	76.2	0.0	0.0	1071
481223	W924	WB MM Red (Orange) Sparkle	365	84	7.9	73.2	77.0	0.0	0.0	1060
481214	W927	WB MM Red (Orange) Pearl	347	83	7.7	71.2	76.0	0.0	0.0	1076
481219	W932	WB MM Copper (Red) Pearl	342	83	7.7	70.7	75.7	0.0	0.0	1080
481218	W933	WB MM Copper (Red) Pearl Fine	347	83	7.7	70.7	76.0	0.0	0.0	1083
481210	W942	WB MM Yellow (Green) Pearl	342	83	7.7	70.7	75.7	0.0	0.0	1080
481213	W943	WB MM Yellow (Green) Pearl	340	84	7.8	70.4	75.3	0.0	0.0	1078
481208	W947	WB MM Yellow (Green) Sparkle	376	83	8.1	76.6	78.0	0.0	0.0	1026
545130	W952	WB Green (Blue) Pearl	347	83	7.7	71.4	76.1	0.0	0.0	1075
481220	W953	WB MM Green (Blue) Pearl	351	83	7.7	71.4	76.3	0.0	0.0	1078
481215	W954	WB MM Green (Yellow) Pearl	348	83	7.7	71.4	76.1	0.0	0.0	1075
481216	W955	WB MM Green (Blue) Pearl	346	83	7.7	71.3	76.0	0.0	0.0	1074
481202	W956	WB MM Green (Yellow) Pearl	343	84	7.8	70.4	75.5	0.0	0.0	1081
481203	W957	WB MM Green (Yellow) Pearl Fine	347	83	7.7	70.7	76.0	0.0	0.0	1083
481201	W966	WB MM Blue (Violet) Pearl Fine	344	82	7.7	71.7	76.1	0.0	0.0	1071
481207	W968	WB MM Blue (Green) Sparkle	360	84	7.9	72.7	76.6	0.0	0.0	1063
481212	W969	WB MM Blue (Green) Pearl	343	83	7.7	70.8	75.7	0.0	0.0	1079
481206	W977	WB MM Violet (Blue) Pearl	346	84	7.8	71.2	75.7	0.0	0.0	1072