

Material Usages

	VOC lb/gal from MSDS	gallons used		lb VOC from MSDS		lb/gal	HAP wt %	HAP lb/gal	lb HAP	
		month	rolling 12	month	rolling 12				month	rolling 12
paint dept										
primers										
Coronado red	3.54	30	202	108.11	714.47	11.43	10.82%	1.21	38.43	245.32
Coronado zinc m35-152 gray	4.29	0	3	0.00	12.86	20.19	21.01%	4.24	0.00	12.73
Coronado gray 3803-692	3.54	0	4.75	0.00	16.79	11.23	10.70%	1.20	0.00	5.71
Sherwin Williams H.S. Primer	1.48	0	0	0.00	0.00	12.58	2.30%	0.29	0.00	0.00
Inemec zinc reddish gray 90-97	3.79	0	0	0.00	0.00	8.98	42.29%	3.79	0.00	0.00
epoxies										
Coronado coal tar black part a	3.11	0	0	0.00	0.00	11.31	21.95%	2.48	0.00	0.00
Coronado coal tar black part b (1:1 with part A)	0.00	0	0	0.00	0.00	9.65		0.00	0.00	0.00
Coronado phosphate tan mastic	1.70	0	0	0.00	0.00	12.97	13.70%	1.78	0.00	0.00
Coronado white	2.80	0	0	0.00	0.00	11.34	12.00%	1.38	0.00	0.00
Sherwin Williams high solids whiteb58w401	2.09	0	0	0.00	0.00	12.14	12.00%	1.48	0.00	0.00
Sherwin Williams high solids safety green	1.84	0	0	0.00	0.00	11.04	4.45%	0.49	0.00	0.00
Sherwin Williams high solids hardener part B b1	2.08	0	0	0.00	0.00	11.73	0.00%	0.00	0.00	0.00
Coronado Gray	3.83	0	0	0.00	0.00	11.95	31.20%	3.73	0.00	0.00
coronado white 111-111a base	1.38	0	0	0.00	0.00	12.46	0.00%	0.00	0.00	0.00
coronado white 111-253b catalyst	2.07	0	0	0.00	0.00	13.58	19.43%	2.64	0.00	0.00
highland international dry fall primer 475c serie:	3.20	0	0	0.00	0.00	13.44	100.00%	13.44	0.00	0.00
Coronado phosphate tan 113-38a converter	1.70	0	0	0.00	0.00	12.98	13.70%	1.78	0.00	0.00
Coronado phosphate tan 113-251b base	1.46	0	0	0.00	0.00	10.76	13.70%	1.47	0.00	0.00
Coronado Bahama beige 113-38a base	1.70	1	15.75	1.70	28.84	12.97	13.70%	1.78	1.78	27.99
Coronado Bahama beige 113-251b converter	1.46	1	15.75	1.46	22.95	10.71	13.70%	1.47	1.47	23.11
Coronado Bar Rust 236 gray base + activator (4	1.41	0	0.5	0.00	0.71	12.302	1.80%	0.22	0.00	0.11
Inemec 161a/161-11wha	2.94	0	0	0.00	0.00	13.99	10.07%	1.41	0.00	0.00
Inemec converter b068-0068b	2.9	0	0	0.00	0.00	10.67	26.42%	2.82	0.00	0.00
ameron 385 red base at385	2.16	0	2.25	0.00	4.87	11.27	0.00%	0.00	0.00	0.00
ameron 385 hardener at385	3.17	0	2.25	0.00	7.13	11.35	2.00%	0.23	0.00	0.51
rust oleum 9100 silver gray+activator reserved	2.39	1.5	25.25	3.59	60.40	15.95	6.00%	0.98	1.44	24.16
urethanes										
ameron 450 white base at45H	2.14	0	5.5	0.00	11.78	12.94	2.00%	0.26	0.00	1.42
ameron 450 hardener	3.33	0	1.4	0.00	4.67	8.88	0.00%	0.00	0.00	0.00
rust oleum 9492 white	7.28	0.5	8.5	3.63	61.75	12.11	20.00%	2.42	1.21	20.58
rust oleum 9400 activator	1	0.5	8.5	0.50	8.50	7.40	0.00%	0.00	0.00	0.00
enamels										
Coronado gray quick dry 139 series	4.672	0	9.25	0.00	43.22	8.40	53.79%	4.52	0.00	41.79
Coronado phosphate tan quick dry 139 series	3.5	6.5	34.75	22.75	121.63	8.40	53.79%	4.52	29.37	158.99
Coronado orange quick dry 139 series	4.67	0	13.25	0.00	61.88	8.40	53.79%	4.52	0.00	59.86
Coronado OSHA green quick dry139-101	4.507	5.25	17	23.66	76.62	9.44	40.68%	3.84	20.15	65.26
Coronado City of Lakeland green quick dry 139	4.672	0	0	0.00	0.00	8.40	53.79%	4.52	0.00	0.00
Coronado white quick dry 139 series	4.363	0	0	0.00	0.00	10.00	36.99%	3.70	0.00	0.00
Coronado autumn gold quick dry 139 series	4.67	0.5	2.5	2.34	11.68	8.40	53.79%	4.52	2.26	11.29
Coronado black, blue quick dry	4.51	4.5	6	20.30	27.06	8.40	53.79%	4.52	20.33	27.11
Coronado Dunes tan 139 series	4.51	0	2.25	0.00	10.15	9.00	53.79%	4.84	0.00	10.89
Coronado raw hide quick dry	4.51	0	0	0.00	0.00	8.40	53.79%	4.52	0.00	0.00
Coronado yellow quick dry	2.78	0	0	0.00	0.00	9.42	1.88%	0.18	0.00	0.00
Coronado Green quick dry	4.363	0	0	0.00	0.00	10.00	36.99%	3.70	0.00	0.00
Coronado warm Gray Quick dry	4.5	0	9.25	0.00	41.83	10	36.99%	3.70	0.00	34.22
Coronado bahama beige base	4.672	0	1.75	0.00	8.18	9.12	41.79%	3.81	0.00	6.67
highland international dry fall gray 65 series	4.672	0	0	0.00	0.00	10	55.00%	5.50	0.00	0.00
Coronado OSHA blue, red, orange 139 series	4.599	2	13.5	9.20	62.09	8.7284	43.00%	3.75	7.51	50.66
Coronado OSHA white 139-101	4.363	0	4.25	0.00	18.54	10	36.99%	3.70	0.00	15.72
Coronado safely yellow 2239-151	2.78	0.5	27	1.39	75.06	9.42	1.88%	0.18	0.09	4.78
Rust o leum 1500 orange	5	0	17.75	0.00	88.75	8.517	60.00%	5.11	0.00	90.71
Rust o leum 1500 warm gray, phos tan	5	8.5	69	42.50	345.00	9.853	55.00%	5.42	46.06	373.92
zinc										
Coronado cold galvanizing zinc primer	4.2	0	0	0.00	0.00	8.40	0.00%	0.00	0.00	0.00
Coronado MCU mio zinc 3803-692	2.74	0	0	0.00	0.00	20.57	8.87%	1.78	0.00	0.00
special coatings										
Corocoat Plasmest ZF base	2.4	0	0	0.00	0.00	17.535	25.00%	4.38	0.00	0.00
Corocoat Plasmest ZF activator		0	0	0.00	0.00	7.5985	50.00%	3.80	0.00	0.00
Coronado heat resistant aluminum g-208-145	5.072	0	5.25	0.00	26.83	8.4	0.19%	0.02	0.00	0.08
coronado battleship gray urethane base	3.642	0	0	0.00	0.00	9.5123	0.00%	0.00	0.00	0.00
coronado 827-1a mcintosh green urethane base	3.641	0	0	0.00	0.00	10.8958	15.63%	1.70	0.00	0.00
coronado 827-1b mcintosh green urethane conv	2.25	0	0	0.00	0.00	9	12.38%	1.11	0.00	0.00
rust oleum noxyde white	0.20875	0	0	0.00	0.00	10.4375	0.00%	0.00	0.00	0.00
urethane inemec buckskin series73 part a	2.7	0	0	0.00	0.00	12.413	1.79%	0.22	0.00	0.00
urethane inemec converter series 73 part b	0	0	0	0.00	0.00	10.263	0.00%	0.00	0.00	0.00
Thinners										
Ashland 21633 b	6.67	25	401	166.75	2674.67	8.34	44.00%	3.67	91.74	1471.51
Coronado MCU 3819-698	7.16	0	0	0.00	0.00	7.16	0.00%	0	0.00	0.00
dept 1										
coatings										
endurabond primer no. 1	5.9124	0	0	0.00	0.00	7.8	64.23%	5.01	0.00	0.00
endurabond intermediate no. 2	6.8	0	0	0.00	0.00	7.2645	92.47%	6.72	0.00	0.00
endurabond tack no. 3	6.4	0	0	0.00	0.00	7.4	84.97%	6.29	0.00	0.00
chemlok 286 cement	6.32	29	459	183.28	2894.56	7.44	85.00%	6.32	163.40	2896.39
chemlok 289 cement	5.98	20	315.5	119.80	1886.69	7.83	70.00%	5.48	109.62	1729.26
chemlok 290 cement	6.83	13	190.75	88.79	1302.82	7.29	95.00%	6.93	90.03	1321.04
ar 35 cement	6.44	3	85.5	19.32	550.82	7.23945	83.00%	6.01	18.03	513.75
solvents										
toluene	7.27	29	181.5	210.83	1319.51	7.27	100.00%	7.27	210.83	1319.51
mineral spirits	6.58	1	1	6.58	6.58	6.58	0.00%	0.00	0.00	0.00
styrene	7.53	1	9.05	7.53	68.15	7.53	100.00%	7.53	7.53	68.15
dept 3										
coatings										
acetone - not regulated	6.58	11	207							
chemlok 218	6.37	2	28	12.74	165.62	8.12	60.00%	4.87	9.74	126.67
ease release 2910-5	5.7	2	29	11.40	165.30	6.012	0.00%	0.00	0.00	0.00
devoe devthane 389	7.89	0	0		0.00	10.8	0.00%			

monthly and annual emissions based on bulk MSDS	total VOC, lbs	1065.94	13006.32	total HAP, lbs	889.01	10767.87
	total VOC, tons	0.53	6.60	total HAP, tons	0.44	6.38

April	Species Emissions, Rolling 12 2010	HAP ? CAS# species	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	N
			1330-20-7	100-41-4		108-10-1	108-88-3	67-56-1	78-93-3		100-42-5	108-95-2	79-01-8	84-74-2	
paint dept		total lbs	xylene	ethyl benzene	glycol ethers	MIBK	toluene	methanol	MEK ketone	MMA	styrene	phenol	trichloro ethylene	dibutyl phthalate	general VOC
			1103.58	321.87	57.13	0.00	8310.15	320.96	471.87	16.52	68.15	8.28	41.41	0.00	1978.68
	primers														
	Coronado red		60.57	15.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado zinc m35-152 gray		2.18	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado gray 3803-692		1.43	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sherwin Williams H.S. Primer		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	tmec zinc reddish gray 90-97		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	epoxies														
	Coronado coal tar black part a		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado coal tar black part b (1:1 with part A)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado phosphate tan mastic		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado white		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sherwin Williams high solids whiteb58w401		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sherwin Williams high solids safely green		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sherwin Williams high solids hardener part B b58v400		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado Gray		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	coronado white 111-111a base		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	coronado white 111-253b catalyst		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	highland international dry fall primer 475c series		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado phosphate tan 113-38a converter		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado phosphate tan 113-251b base		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado Bahama beige 113-38a base		1.88	0.47	1.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado Bahama beige 113-251b converter		0.88	0.17	2.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado Bar Rust 236 gray base + activator (4:1)		0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	tmec 181a/181-11wha		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	tmec converter b066-0066b		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93
	ameron 385 red base at385		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.85
	ameron 385 hardener at385		0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.44
	rust oleum 9100 silver gray+activator		3.02	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	reserved		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	urethanes														
	ameron 450 white base at45H		0.12	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.71
	ameron 450 hardener		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.79
	rust oleum 9482 white		9.28	3.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.70
	rust oleum 9400 activator		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.50
	enamels														
	Coronado gray quick dry 139 series		18.55	4.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado phosphate tan quick dry 139 series		52.20	13.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado orange quick dry 139 series		26.56	6.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado OSHA green quick dry139-101		24.87	6.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.43
	Coronado City of Lakeland green quick dry 139-38		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado white quick dry 139 series		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado autumn gold quick dry 139 series		5.01	1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58
	Coronado black, blue quick dry		11.61	2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado Dunes tan 139 series		4.38	1.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81
	Coronado raw hide quick dry		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado yellow quick dry		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado Green quick dry		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado warm Gray Quick dry		12.28	3.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado bahama beige base		2.73	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41
	highland international dry fall gray 65 series		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado OSHA blue, red, orange 139 series		21.35	5.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.02
	Coronado OSHA white 139-101		5.47	1.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93
	Coronado safely yellow 2239-151		1.13	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.35
	Rust oleum 1500 orange		39.94	13.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rust oleum 1500 warm gray, phos tan		138.00	51.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	zinc														
	Coronado cold galvanizing zinc primer		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado MCU mio zinc 3803-692		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	special coatings														
	Corocoat Plasmet ZF base		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Corocoat Plasmet ZF activator		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Coronado heat resistant aluminum g-206-145		0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.18
	coronado battleship gray urethane base		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	coronado 827-1a mcintosh green urethane base		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	coronado 827-1b mcintosh green urethane converter		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	rust oleum noxyde white		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	tmec buckskin series73 part a		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	tmec converter saeries 73 part b		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Thinners														
	Ashland 21833 b		0.00	0.00	53.48	0.00	802.40	320.96	0.00	0.00	0.00	0.00	0.00	0.00	989.83
	dept 1														
	coatings														
	endurabond primer no. 1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	endurabond intermediate no. 2		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	endurabond tack no. 3		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	chemlok 288 cement		0.00	0.00	0.00	0.00	2480.38	0.00	0.00						

Monthly VOC Report - May 2010				
Metalcoat, Inc. of Florida				
	Hrs.	Gallons	V.O.C.'s	Total
	Open	Used	per Gallon	V.O.C.'s
Paint Dept. - Hours of Operation	160			
<u>Primers</u>				
Coronado - Red / 1147-147		15	3.53	52.95
Coronado - Zinc / M35 - 152 / Gray		0	4.20	0.00
Tnemec - Zinc Reddish Grey / 90-97		0	3.80	0.00
<u>Epoxies</u>				
Coronado - Coal Tar / 61 - 2		0	2.00	0.00
Coronado - Bahama Beige / 113 - 38A Base		1.5	1.86	2.79
Coronado - Bahama Beige / 113 - 251B Converter		1.5	1.44	2.16
Rust-O-Leum - 9100 / Silver Gray		0	2.83	0.00
Rust-O-Leum - 9100 / System Activator		0	2.83	0.00
<u>Urethane</u>				
Rust-O-Leum - 9492 / White		0	3.50	0.00
Rust-O-Leum - 9400 / Activator		0	5.00	0.00
<u>Enamels</u>				
Coronado - OSHA Blue Quick Dry / 139 Series		0	4.6	0.00
Coronado - Dunes Tan Quick Dry / 139 Series		0	4.51	0.00
Coronado - OSHA Green / 139 Series		1.75	3.5	6.13
Coronado - Phosphate Tan / 139 Series		6	3.5	21.00
Coronado - Bahama Beige / 139 Series		0	4.5	0.00
Coronado - Orange / 139 Series		2.25	4.59	10.33
Coronado - Safety Yellow / 2239 - 151		0.25	3.8	0.95
Coronado - Warm Gray / 139 Series		6.25	4.5	28.13
Coronado - OSHA Orange / 139 Series		0	4.67	0.00
Coronado - Black / 139 - 2		0	4.51	0.00
Coronado - Autumn Gold Quick Dry / 139 Series		0	4.67	0.00
<u>Special Coatings</u>				
Coronado - High Temp. Aluminum / G-206-145		0	4.7	0.00
<u>Thinners</u>				
Ashland 21933		20	6.67	133.40
Dept. 1 - Hours of Operation	160			
Chemlok 286 Cement		14	6.32	88.48
Chemlok 289 Cement		9	5.98	53.82
Chemlok 290 Cement		4	6.83	27.32
AR 35 Cement		2	6.44	12.88
Toluene		11	7.27	79.97
Acetone		0	6.58	0.00
Styrene		0	7.5	0.00
Dept. 3 - Hours of Operation	160			
Acetone		12	6.58	78.96
Chemlok 218		2	6.37	12.74
Ease Release 2910 - 5		3	5.7	17.10
Mineral Spirits		0	6.58	0.00
Total V.O.C.'s including Acetone				629.09
Total V.O.C.'s without Acetone				550.13
REF: H: / Bruce / EPA-DEP / MinorPermit / VOCs / 0510VOC.XLS				
cc: Tom John 06/11/10				