



USA EPA National Rule Markets VOC Wall Chart

Products As Applied					
Product	Mix Ratio	Hardener	Activator / Reducer	Additive	VOC g/L, as applied Regulatory Actual
Pretreatment Wash Primer(s)		Coating Category Limit: 780 g/L			
Washprimer 1KCF	2:1		HP Reducer Slow		780 764
Primer/Primer Surfacer		Coating Category Limit: 580 g/L			
Colorbuild Plus	3:1:1	Colorbuild Plus Surfacer Hardener	Colorbuild Plus Surfacer Activator - Medium		552 552
Colorbuild Plus / Flexible Parts	3:1 CBP w/ Elast-o-Actif then 3:1:1	Colorbuild Plus Surfacer Hardener	Colorbuild Plus Surfacer Activator - Medium	Elast-o-Actif	567 567
Colorbuild Plus / Flexible Parts (Accelerated System)	3:1:1 then 15 mL Supertop/ RTS L	Colorbuild Plus Surfacer Hardener	Colorbuild Plus Surfacer Activator - Medium		558 558
High Build Surfacer Gray	3:1	Colorbuild Plus 250 Hardener			234 147
Primer Sealer		Coating Category Limit: 550 g/L			
Colorbuild Plus	100:25:35	Colorbuild Plus Sealer Hardener	Colorbuild Plus Sealer Reducer		543 543
Colorbuild Plus / Flexible Parts	3:1 CBP w/ Elast-o-Actif then 100:25:35	Colorbuild Plus Sealer Hardener	Colorbuild Plus Sealer Reducer Slow	Elast-o-Actif	539 502
Colorbuild Plus / Flexible Parts	90:10 CBP w/ Elast-o-Actif then 100:25:35	Colorbuild Plus Sealer Hardener	Colorbuild Plus Sealer Reducer		549 549
Colorbuild Plus / Under Hood Additive	100:60 CBP w/ Under Hood Additive then 100:25:35	Colorbuild Plus Sealer Hardener	Colorbuild Plus Surfacer Activator - Spot & Panel		502 489
Specialty Coatings (Adhesion Promoter)		Coating Category Limit: 840 g/L			
Primer PO					831 831
Autobase Plus/ Blending Additive	100:80 ABP w/ HP Reducer Slow then 1:1 w/ Blending Additive		HP Reducer Slow	Autobase Plus Blending Additive	786 776
Single Stage Top Coat		Coating Category Limit: 600 g/L			
Autobase Plus / Single Stage Converter	1:1 ABP w/ SS Converter then 100:50:25	HS + 2 Pack Hardener	HP Reducer Slow	Autobase Plus Single Stage Converter	589 575
The VOC of the Multistage System (Basecoat/Mid-Coat/Clear) or (Foundation Coat/ Basecoat/ Clearcoat) System is found by composite calculations: The Multistage calculation is VOC system = (VOCbc+2VOCcc) + 3 The Multistage calculation is VOC system = (VOCfc+VOCbc+2VOCcc) + 4					
Multistage System (Basecoat)		Coating Category Limit: 600 g/L			
Autobase Plus	100:80		HP Reducer Slow		591 556
Autowave	100:30		Activator WB		462 332
Multistage System (Clearcoat)		Coating Category Limit: 600 g/L			
Autoclear HS+ 2 Pack Fast/Slow	2:1	HS + 2 Pack Hardener			485 443
Autoclear PC Standard/Production	2:1	Autoclear PC Hardener			486 456

Always consult the product specific Technical Data Sheet for exact mixing instructions.

Products As Supplied

Product	Item #	VOC as supplied, g/L	
		Regulatory	Actual
Activator WB	391196	10	10
Autobase Plus	Toner Specific		
Autobase Plus Blending Additive	386088	769	769
Autobase Plus Single Stage Converter	398265	436	436
Autoclear HS+ 2 Pack Fast	481304	500	448
Autoclear HS+ 2 Pack Hardener	481305	454	431
Autoclear HS+ 2 Pack Slow	481303	485	444
Autoclear PC Hardener	391299	533	533
Autoclear PC Production	391298	449	400
Autoclear PC Standard	391297	461	418
Autocryl Elast-O-Actif	386100	556	556
Autowave	Toner Specific		
Colorbuild Plus	Toner Specific		
Colorbuild Plus Sealer Hardener	393727	430	430
Colorbuild Plus Sealer Hardener - Slow	393732	431	431
Colorbuild Plus Sealer Reducer	393730	863	863
Colorbuild Plus Sealer Reducer - Slow	393733	878	604
Colorbuild Plus Surfacer Activator - Medium	397354	802	802
Colorbuild Plus Surfacer Activator - Spot & Panel	397353	729	729
Colorbuild Plus Primer Surfacer Hardener	393726	580	580
Colorbuild Plus Under Hood Additive	393731	397	353
Extra Slow Activator	386259	767	767
High Build Surfacer Gray	483903	230	158
High Performance Reducers - Extra Slow	391066, 391067	917	875
High Performance Reducers - Fast	391059, 391060	900	849
High Performance Reducers - Med.	391062, 391063	912	880
High Performance Reducers - Slow	391064, 391065	929	875
Medium Activator	391988	748	702
Primer PO	387005	831	831
Rapid Activator	385067	786	734
Standard Activator	385062	750	750
Standard Hardener	384160	509	509
Super Top	393929	919	919
Washprimer 1KCF	390845, 399851	710	709
XP Hardener	398766	348	348

VOC Equations

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

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