



# Wisconsin VOC Chart

## AUTOMOBILE REFINISHING OPERATIONS

### Natural Resources Chapter 422 Section 95

Effective: 3/1/2013



Coating Category	lbs/U.S. gal (g/L) Limit: VOC Regulatory (Less Water Less Exempts).
Pre-Treatment Wash Primer	6.5 (780)
Primer Surfacer	4.8 (576)
Primer Sealer	4.6 (552)
Single Stage Coating	5.0 (600)
Multi Stage Coating (2 Stage - BC/CC)	5.0 (600)
Multi Stage Coating (3 or more Stages - BC/CC)	5.2 (624)
Specialty Coatings	7.0 (840)
Solvent (Surface Cleaners )	0.42 (50)*

\*VOC content value limit applies to Kenosha, Milwaukee, Ozaukee, Racine, Sheboygan, Washington, or Waukesha counties if VOC emissions from all industrial cleaning operations associated with automobile refinishing operations at the facility, before consideration of controls, equal or exceed 3 tons on a 12 consecutive month rolling basis .

Product Code & Name	Hardener/Activator	Reducer	Mix Ratio	VOC Content
<b>Solvent (Surface Cleaner) Limit:* 0.42 lbs/gal (50 g/L)</b>				
SXA330 Wax & Grease Remover**	-	Water	1:1	3.15 (377)
SXA103 MULTI-PREP® **	-	Water	RFU	0.57 (683)
SWX350 H2O-SO-CLEAN® Wax & Grease Remover	-	-	-	0.17 (20)

\*See VOC content note in the Category VOC limit chart above

\*\*Under (2) EXEMPTIONS (f) allows "aerosol products if 160 fluid ounces or less of VOC-containing aerosol products are used per day"

Product Code & Name	Hardener/Activator	Reducer	Additives	Mix Ratio	Applied VOC Less Water Less Exempt
<b>Pre-Treatment Coatings Limit: 6.5 lbs/gal (780 g/L)</b>					
SX1071 ECOBASE® 5.5 Etch Prime	SX1072	-	-	1:1	5.48 (657)
<b>Primer Surfacer Limit 4.8 lbs/gal (576 g/L)</b>					
P565-2910 Primer Surfacer	P210-52XX	P850-169X	-	6:1:2	4.67 (559)
P565-530X Fast HS Primer Surfacer	P210-796/798/842	P850-169X	-	5:1:1	4.50 (539)
P950-5505 Waterborne Primer Surfacer	-	P980-5000	-	1:13%	0.72 (86)
DPLV 2.1 Epoxy Primer	DP401LV	D8764, D8774, D8767	-	2:1:1	2.09 (250)
<b>Primer Sealer (apply over previously coated surfaces) Limit: 4.6 lbs/gal (552 g/L)</b>					
P565-301X Fast HS Wet-On-Wet Sealers	P210-796, P210-798	P850-169X	-	5:1:2	4.50 (539)
P565-312X HS+ Wet-On-Wet Sealer	P210-5475	P850-1775	-	3:1:1	2.75 (329)
<b>Single Stage Coating Limit: 5.0 lbs/gal (600 g/L)</b>					
P989 AQUABASE® Plus Interior System	P210-9136	P980-5000	-	100:15:15	2.79 (334)
P420/421 2K HS Single Layer	P210-85X	P850-169X	-	3:1:1	5.00 (600)
<b>Basecoat for Multi Stage Topcoat System Limit<sup>1,2</sup> : 5.0 / 5.2 lbs/gal (600 / 624 g/L)</b>					
P422 Line 2K Basecoat	-	P850-169X	-	1:1	6.40 (767)
P422 Line 2K Basecoat	P210-796	P850-169X	-	10:1:11	6.38 (761)
P989 Aquabase Plus Basecoat	-	P980-5000	-	100:10	3.33 (399)
P989 Aquabase Plus Basecoat	-	P980-5000	-	100:20	3.38 (405)
P989 Aquabase Plus Basecoat	-	P980-5000	-	100:30	3.50 (419)
P989 Aquabase Plus Basecoat	-	-	P935-1250	100:10	2.78 (333)
P989 Aquabase Plus Basecoat	-	P980-5000	P935-1250	100:10:10	3.24 (388)
P989 Aquabase Plus Basecoat	-	P980-5000	P935-1250	100:20:10	3.28 (393)
P989 Aquabase Plus Basecoat	-	P980-5000	P935-1250	100:30:10	3.28 (393)
P989 Aquabase Plus Basecoat	P935-1255	P980-5000	P935-1250	100:5:10:10	3.21 (385)
P989 Aquabase Plus Basecoat	P935-1255	P980-5000	P935-1250	100:5:20:10	3.24 (388)



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Product Code & Name	Hardener/Activator	Reducer	Additives	Mix Ratio	Applied VOC Less Water Less Exempt
<b>Basecoat for Multi Stage Topcoat System</b>					<b>Limit<sup>1,2</sup> : 5.0 / 5.2 lbs/gal (600 / 624 g/L)</b>
P989 <i>Aquabase Plus</i> Basecoat	P935-1255	P980-5000	P935-1250	100:5:30:10	3.25 (389)
P989 <i>Aquabase Plus</i> Basecoat	P935-1255	-	P935-1250	100:5:10	2.81 (337)
<b>Underbody Coatings (Specialty)</b>					<b>Limit: 7.0 lbs/gal (840 g/L)</b>
P420 Line Engine Bay Color	P210-85X	P850-169X	-	5:1:2	4.40 (523)
P989 <i>Aquabase Plus</i> Engine Bay Color	P210-9120	P980-5000	-	100:15:15	3.08 (369)
<b>Clear Coating</b>					<b>Limit<sup>1,2</sup> : 5.0 / 5.2 lbs/gal (600 / 624 g/L)</b>
P190-5520 Clearcoat	P210-52XX	P850-169X	-	2:1:5%	4.21 (504)
P190-643 HS Clearcoat	P210-85X	P850-169X	-	4:2:1	4.30 (515)
P190-6100 Fast HS Clearcoat	P210-62XX	-	-	4:1	3.83 (459)
P190-6330 HS Production Clearcoat	P210-62XX	P850-169X	-	3:1:1	3.89 (466)
P190-6659 Express Clearcoat	P210-87X	P850-169X	-	3:1:0.6	3.75 (449)
P190-6659 Express Clearcoat	P210-872	P850-1689	-	3:1:0.6	3.85 (461)
P190-6690 High Solids Clearcoat	P210-87X	P850-169X	-	3:1:0.6	3.76 (450)
P190-6800 HS Express Clearcoat	P210-6875 P210-6875	P850-1775 P852-168X	-	4:1:1 4:1:1	1.90 (228) 2.08 (249)
P190-6920 Production Clearcoat	P210-6975	P850-169X P850-6914	-	3:1:1	2.64 (316)
P190-6930 Performance Clearcoat	P210-6975	P850-169X P850-6914	-	3:1:1	2.49 (298)
P190-6950 Extended Performance Clearcoat	P210-6975	P850-169x P850-6914	-	3:1:1	2.63 (315)
<sup>1</sup> The VOC limit on tri-coat & quad-coat multi-stage systems is 5.2 lbs/gal. <sup>2</sup> The VOC of the BC/CC (multi-stage) system is determined by BC/CC composite calculation, where the VOC system = (VOC BC + VOC CC) ÷ 3 [as specified by current air quality regulations].					

<b>Additional Products (listing not intended to be all inclusive)</b>			<b>Limit: 7.0 lbs/gal</b>
P100-2020 Flexible Additive	SU4985 Universal Flattening Agent	SU4902 Plastic Adhesion Wipe	
P190-1002 Basecoat Blender	SLV898 Retarder	SU4903 Advanced Plastic Bond	
P273-1051 Base Fade	SU4901 Clean and Scuff Sponge	SUA4903 Advanced Plastic Bond (Aerosol)	
P565-554 2K Matting Base	P572-2001 1K Adhesion Primer for Plastics	SU470LV 1K Compliant Adhesion Promoter	
P565-668 Transparent Adhesion Promoter	P850-1401 Fade Out Thinner	SWX100 Waterborne Gun Cleaner	

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