



Massachusetts VOC Chart

Automobile Refinishing

310 CMR 7.18 (28)

In Effect: 8/1/1995



Coating Category	lbs/U.S. gal Limit: VOC Less Water Less Exempts	
Surface Preparation – Plastic*	6.5	*VOC content value
Surface Preparation – Other*	1.67	
Pretreatment Coating	6.5	
Primer / Primer Surfacer	4.8	
Primer Sealer	4.6	
Topcoat - Single-Stage	5.0	
Multi-Stage Topcoat 2-stage (BC/CC)	5.0	
Multi-Stage Topcoat 3 or more stage (BC/CC)	5.2	
Specialty Coatings	7.0	

Product Code & Name	Hardener/Activator	Reducer	Mix Ratio	VOC Content
Surface Preparation				Limit: 6.5/1.67 lbs/gal
SWX350 H ₂ O-SO-CLEAN™ Wax & Grease Remover	-	-	-	0.17
SX1005 Low VOC Wax and Grease Remover	-	-	-	0.42

Product Code & Name	Hardener/Activator	Reducer	Mix Ratio	Applied VOC Less Water Less Exempt
Pretreatment Coatings				Limit: 6.5 lbs/gal
P330-1100 Etch Primer	P330-1101	-	1:1	6.2
SXA1031 Etch Primer (aerosol)	-	-	RTS	N/A
Primer Surfacer				Limit 4.8 lbs/gal
P330-1300 Acrylic Surfacer	-	P830-2100	1:1	4.8
P330-1700 2K High Build Primer Surfacer	P315-3700	P830-20XX	4:1:1	4.66
Primer Sealer				Limit: 4.6 lbs/gal
P330-1200 Epoxy Primer	P330-1201	-	2:1	4.6
P330-1400 Synthetic Sealer	-	P830-20XX	4:1	4.6
P330-1600 2 Pack Primer Sealer	P315-3500	P830-20XX	8:2-3:1	4.6
Single Stage Coating				Limit: 5.0 lbs/gal
VA Acrylic Enamel	-	P830-20XX	4:1	5.0
VA Acrylic Enamel Activated	P315-3500	P830-20XX	16:1:4	5.0
VU 2-Pack Urethane	P315-3500	P830-20XX	8:1:2	5.0



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Multi Stage Topcoat				System VOC Limit¹: 5.0 lbs/gal
Color Coating				Limit²: 6.3 lbs/gal
VB Basecoat	-	P830-20XX	1:1	6.30
VBP Basecoat	-	P830-20XX	1:1	6.30
Clear Coating				Limit²: 4.3 5 lbs/gal
P390-4000 HS Clearcoat	P315-3511	P830-20XX	4:1:1	4.3
P390-4001 Rapid Clear	P315-3511	P830-20XX	4:1:1	4.3
P390-4003 Multi-Purpose Clear	P315-353X	-	4:1	4.18

Coatings for Process Specific Purposes / Additives to Create Specialty Coatings³		Limit 7.0 lbs/gal
P330-1800 Plastics Primer	SXA1044 High Build Flexible Surfacer	
SX1056 Flexible Sealer	SXA1050 Plastic Adhesion Promoter	
SX1057 Flexible Surfacer	SU4901 Clean & Scuff Sponge	
SXA1030 Black Guide Coat	SU4902 Plastic Prep Wipe	
SXA1041 Bumper Black	SU4903/SUA4903 Advanced Plastic Bond	

1. The VOC limit on Tri-Coat and Quad-Coat Multi-Stage Systems is 5.2 lbs/gal.
2. The VOC of the BC/CC (Multi-stage) system is found by BC/CC composite calculation, where the $VOC_{sys} = (VOC_{bc} + 2VOC_{cc}) / 3$, as specified by current air quality regulations.
3. Specialty coatings include, but are not limited to, the listed products.

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