



U.S. National Rule

National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings

40 CFR Parts 9 and 59

Published: 9/11/1998 | In Effect: 1/11/1999



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)

Product Code & Name	Hardener/Activator	Reducer	Mix Ratio	VOC Content
Solvent (Surface Cleaner) No U.S. National Rule Limit / Check Local Regulations				
SWX350 H ₂ O-SO-CLEAN [®] Wax and Grease Remover	-	-	-	0.17 (20)
SU4901 Clean and Scuff Sponge	-	-	-	0.06 (7)
SX1009 2.9 VOC Bug and Tar Remover	-	-	-	2.89 (346)
SX330 ACRYLI-CLEAN [®] Wax and Grease Remover	-	-	-	6.36 (762)
SXA103 MULTI-PREP [®] Cleaner	-	-	Aerosol	5.88 (705)
SXA330 Wax and Grease Remover - Aerosol	-	-	Aerosol	5.77 (691)

Product Code & Name	Hardener/Activator	Reducer	Additives	Mix Ratio	Applied VOC Less Water Less Exempt
Pre-Treatment Coatings Limit: 6.5 lbs/gal (780 g/L)					
D8099 Anti Corrosion Etch Primer	D8299	-	-	1:1	6.48 (777)
SX1071 ECOBASE [®] 5.5 Etch Prime	SX1072	-	-	1:1	5.48 (657)
SXA1031 Etch Primer - Gray	-	-	-	Aerosol	N/A
Primer Surfacer Limit 4.8 lbs/gal (576 g/L)					
SUA1080 UV Cured Primer Surfacer	-	-	-	Aerosol	N/A
D800X 2K A-Chromatic Surfacer	D8291	-	-	4:1	4.20 (504)
D800X 2K A-Chromatic Surfacer	D8291	D870, D871, D872, D873	-	4:1:1	4.69 (564)
D822 Corrosion Resistant Primer	D823	-	-	3:1	3.50 (419)
D839 2K Primer Surfacer/Sealer	D802	-	-	4:1	4.30 (516)
D839 2K Primer Surfacer/Sealer	D802	D870, D871, D872, D873	-	4:1:1/2	4.54 (544)
DPXXLV 2.1 Epoxy Primer	DP401LV	D8764, D8774, D8767	-	2:1:1	2.09 (250)
Primer Sealer (apply over previously coated surfaces) Limit: 4.6 lbs/gal (552 g/L)					
D808X 2K Chromatic Sealer	D8291	D870, D871, D872, D873	-	3:1:1	4.32 (518)
D839 2K Primer Surfacer/Sealer w/DMC tinter ¹	D884, D897 ²	D870, D871, D872, D873	-	4:2:1:2	4.60 (550)
D822 Corrosion Resistant Primer	D823	D870, D871, D872, D873	-	3:1:1/2	3.50 (419)
Single Stage Coating Limit: 5.0 lbs/gal (600 g/L)					
CONCEPT [®] DCC Acrylic Urethane	DU5 or DU6	DT860, DT870, DT885, DT895	-	4:2:1	5.00 (600)
Multi-Stage Topcoat System System VOC Limit ^{3,4} : 5.0 / 5.2 lbs/gal (600 / 624 g/L)					
Color Coating Limit ⁴ : 6.6 lbs/gal (791 g/L)					
GLOBAL REFINISH SYSTEM [®] BC Color	-	D870, D871, D872, D873	-	1:1	6.59 (790)
Global Refinish System BC Color	-	D870, D871, D872, D873	D888	10:10:1	6.35 (761)



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Product Code & Name	Hardener/Activator	Reducer	Additives	Mix Ratio	Applied VOC Less Water Less Exempt
Clear Coating					Limit ⁴: 4.2 lbs/gal (250 g/L)
D8126 CERAMICLEAR [®]	D8226	-	-	2:1	2.00 (240)
D8188 Glamour LV Clearcoat	D8382, D8383, D8384, D8385	D8767	-	3:1:10%	2.05 (246)
D8152 Performance + Glamour Clear	D837X	D87X	-	3:1:1	4.12 (494)
D893 Low VOC Performance Clear	D884, D887	D8764, D8774, D8767	-	3:1:1	3.43 (411)
D894 High Solids Clear	D884, D887, D897	D8764, D8774, D8767	-	3:1:1	3.38 (405)
EC520 En-V [®] High Production Clearcoat	ECH5075	D87X/ DT8XX	-	3:1:1	2.69 (322)
EC530 En-V Performance Clearcoat	ECH5075	D87X/ DT8XX	-	3:1:1	2.57 (308)
EC550 En-V Ultra Gloss Clearcoat	ECH5075	D87X/ DT8XX	-	3:1:1	2.66 (319)
EC700 ONE VISIT [®] Production Clearcoat	ECH7070,7080, 7090	-	-	4 :1	2.08 (249)
EC700 <i>One Visit</i> Production Clear	ECH7070, 7080, 7090	D87XX	SL93LV	4:0.5:1:2%	2.09 (250)
EC750 <i>One Visit</i> Appearance Clearcoat	ECH7070,7080, 7090	-	-	4 :1	2.08 (249)
EC800 Ultra Fast 2.1 Clearcoat	ECH8075 ECH8075	D8767/DT1855 ECA83	- -	4:1:1 4:1:1	2.08 (249) 1.90 (228)
ECW8186 Waterborne Clearcoat	EHW8224	T494	-	5:2:2	2.09 (250)
VC5250 DITZLER [®] Satin Clear	VH7250	DT8XX, D87X, P850-169X	-	4:1:2	3.63 (435)
VC5700 <i>Ditzler</i> Custom Clear	VH7780, VH7795	DT8XX, D87X	-	2:1:1	3.58 (429)
1. No "Basecoat Only" D series Bases 2. Use Mixing Bases with a VOC of 4.6 lbs/gal. or less to attain recommended VOC limits 3. The VOC limit on Tri-Coat and Quad-Coat Multi-Stage Systems is 5.2 lbs/gal. 4. 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. 5. Specialty coatings include, but are not limited to, the listed products.					
Coatings for Process Specific Purposes / Additives to Create Specialty Coatings⁵					Limit: 7.0 lbs/gal (840 g/L)
Additional Products (listing not intended to be all inclusive)					
SLV4985 Universal Flattening Agent	SLV898 Retarder	SWX100 Waterborne Gun Cleaner			
SLV73 Fisheye Eliminator	SU470LV 1K Compliant Adhesion Promoter	SXA840 Uniform Finish Blender (Aerosol)			
SLV814 Universal Flexibilizer	SU4901 Clean and Scuff Sponge	SXA1030 Black Guide Coat (Aerosol)			
SLV840 Uniform Finish Blender	SUA4903 Advanced Plastic Bond (Aerosol)	SXA1041 Bumper Black (Aerosol)			

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