



**El Dorado County AQMD**  
Automotive Refinishing Operations  
**Rule 230**  
Amended: 9/27/1994 | In Effect: 6/1/1995



Coating Category*	lbs/U.S. gal (g/L) Limit: VOC Regulatory (Less Water Less Exempts).
Surface Preparation Solvent (non plastic)	0.6 (72)
Surface Preparation Solvent (plastic)	6.5 (780)
Pretreatment Wash Primer	6.5 (780)
Primer / Primer Surfacer	2.1 (250)
Primer Sealer	3.5 (420)
Single Stage Coating—Solid Color / Metallic	3.5 (420) / 4.3 (520)
Multi-Stage Topcoat Systems	4.5 (540)
Specialty Coating	7.0 (840)

\*VOC content applies to this category only.

Product Code & Name	Hardener/Activator	Reducer	Mix Ratio	VOC Content
<b>Solvent (Surface Cleaner)</b>				<b>Limit 0.6 / 6.5 lbs/gal (72/720 g/L)</b>
SWX350 H <sub>2</sub> O-SO-CLEAN® Wax and Grease Remover	-	-	-	0.17 (20)
SX1005 Low VOC Wax and Grease Remover	-	Water	1:1	0.21 (25)
SX103 MULTI-PREP™ (for plastic only)	-	-	-	6.49 (778)

Product Code & Name	Hardener/Activator	Reducer	Additives	Mix Ratio	Applied VOC Less Water Less Exempt
<b>Pre-Treatment Coatings</b>					<b>Limit: 6.5 lbs/gal (660 g/L)</b>
SX1071 ECOBASE® 5.5 Etch Prime	SX1072	-	-	1:1	5.48 (657)
SXA1031 Etch Primer - Gray	-	-	-	Aerosol	N/A
<b>Primer / Primer Surfacer</b>					<b>Limit 2.1 lbs/gal (250 g/L)</b>
SUA1080 UV Cured Primer Surfacer	-	-	-	Aerosol	N/A
ECP1X A-Chromatic Surfacer	EH391	D8764, D8774, D8767	-	4:1:1	2.08 (249)
ECP1X A-Chromatic Surfacer	EH391	D8764, D8774, D8767	-	4:1	2.08 (249)
ECP1X A-Chromatic Surfacer	EH391	D8764, D8774, D8767	SL93LV	4:1:1 + 10%	2.09 (250)
DPXXLV 2.1 Epoxy Primer	DP401LV	DT18XX Series	-	2:1:1	2.09 (250)
DPXXLV 2.1 Epoxy Primer	DP401LV	D8764, D8774, D8767	-	2:1:1	2.09 (250)
<b>Primer Sealer (apply over previously coated surfaces)</b>					<b>Limit: 3.5 lbs/gal (420 g/L)</b>
ECS2X A-Chromatic LV Sealer	EH391, EH392	D8764, D8774, D8767	-	4:1:1	2.05 (246)
ECS6X A-Chromatic Sealer	EH391, EH392	D8764, D8774, D8767	-	3:1:1	2.75 (329)
<b>Single Stage Coating</b>					<b>Limit: 3.5 / 4.3 lbs/gal (420 / 520 g/L)</b>
ENVIROBASE® Interior System	T584	T494	-	100:15:15	2.79 (334)
<b>Basecoat for Multi Stage Topcoat System</b>					<b>Limit<sup>1</sup> : 4.5 lbs/gal (540 g/L)</b>
Global BC Basecoat Color	-	D870 Series	-	1:1	6.59 (790)
Global BC Basecoat Color	-	D870 Series	D888	1:1+5%	6.35 (761)
<small><sup>1</sup> The VOC of the BC/CC system is determined by BC/CC composite calculation, where the VOC system = (VOC BC + VOC CC)/3 {as specifically required by air quality regulations}.</small>					
<b>Underbody Coatings (Specialty)</b>					<b>Limit: 7.0 lbs/gal (840 g/L)</b>
Envirobase Internal Repair System	T581	T494	-	100:15:15	3.08 (369)
Envirobase Internal Repair System	T581	T494	-	100:15:20	3.09 (370)



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Automotive Refinishing Operations

## Rule 230

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Product Code & Name	Hardener/Activator	Reducer	Additives	Mix Ratio	Applied VOC Less Water Less Exempt
<b>Clear Coating</b>					<b>Limit <sup>1</sup> : 4.5 lbs/gal (540 g/L)</b>
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 <b>En-V</b> ® High Production Clearcoat	ECH5075	D87X/ DT8XX	-	3:1:1	2.69 (322)
EC530 <b>En-V</b> Performance Clearcoat	ECH5075	D87X/ DT8XX	-	3:1:1	2.57 (308)
EC550 <b>En-V</b> 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)

<sup>1</sup> The VOC of the BC/CC system is determined by BC/CC composite calculation, where the VOC system = (VOC BC + VOC CC)/3 {as specifically required by air quality regulations}.

**System VOC - There is a maximum applied VOC limit of 4.5 lbs/gal for the Multi Stage BC/CC system.** Use the Chart below to determine the maximum VOC of the selected clear that can be used with your basecoat VOC to meet the 4.5 limit. VOC calculations are based on worst-case scenarios of the RTS mixed color and solvents. Verify VOC calculations if deviating from the chart.

\*\*Special blend ratio may be required for groundcoat and midcoat in tri-coat systems for VOC compliance (see basecoat TDS).

\*\*\*See chart below for appropriate RTS VOC clear. If Multi-Stage VOC calculation is above 4.5 lbs/gal due to VOC of RTS basecoat, MUST choose lower VOC clearcoat or use basecoat TDS special blend option.

Basecoat VOC	Use Max Clearcoat VOC
6.80	3.35
6.70	3.40
6.60	3.45
6.50	3.50
6.40	3.55
6.30	3.60
6.20	3.65
6.10	3.70
6.0	3.75

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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