

Sherwin-Williams Automotive Finishes

Premium Vehicle Refinish Products

VOC Compliance Chart

Butte County Rule 235
June 19th, 1997

METAL PRETREATMENT & SURFACE CLEANERS V.O.C. Limit 1.67/6.5 lbs/gal

PRODUCT	REDUCER	HARDENER	MIXING RATIO	VOC MAX
SC155 Plastic Parts Cleaner	-0-	Use in Spray Bottle or For Plastic Parts Only		0.7
W4K157 Aqua-Mate™ Surface Cleaner		--- Use as Packaged ---		1.31
W4K263 Dual Etch®	Water	-0-	1:2	0.4
W4K288 Met-L-Etch®	Water	-0-	1:2	0.5
R7K156 Sher-Will-Clean	-0-	Use in Spray Bottle or For Plastic Parts Only		6.43
R7K158 Ultra-Clean	-0-	Use in Spray Bottle or For Plastic Parts Only		6.21
R1K213 Krill-Kleen	-0-	Use in Spray Bottle or For Plastic Parts Only		6.42
W4K289 Met-L-Mate® Phosphate Conversion Coating		--- Use as Packaged ---		0.00

PRETREATMENT PRIMERS V.O.C. Limit 6.5 lbs/gal

PRODUCT	REDUCER	HARDENER	MIXING RATIO	VOC MAX
E2G970 LCF Wash Primer	R7K971	-0-	2:3	6.35
PE995 Corrosion Shield® LCF Etching Primer	ER997	-0-	1:2	6.23

PRIMER SURFACERS V.O.C. Limit 2.8 lbs/gal

PRODUCT	REDUCER	HARDENER	MIXING RATIO	VOC MAX
P27 SpectraPrime® 2.1 VOC Primer Surfacer	AS9, ES15, ES20, ES25	H45	4:1:1	2.05
P27 - Speed Option SpectraPrime® 2.1 VOC Primer Surfacer	SR16	UH900	2:2:1	1.32
P30 - Speed 2.1 VOC Option SpectraPrime® 2.1 VOC Primer	SR16	UH900	2:2:1	2.05
W7A2260 AQUA-FILL® 1K Waterborne Primer		--- Use as Packaged ---		1.06
NP75 Ultra-Fill® 2.1 VOC Iso-Free Surfacer	ES15, ES20	NH77	5:2:1	2.1
NP2100 Ultra-Fill® HS 2.1 VOC	-0-	NH2200	3:1	2.1
21 Polyester Primer	-0-	1 Tube MEKP (0.75 oz)	Per Quart	0.1

PRIMER SEALERS V.O.C. Limit 3.5 lbs/gal

PRODUCT	REDUCER	HARDENER	MIXING RATIO	VOC MAX
P27 SpectraSeal® 2.1 VOC Color Primer Sealer	ES15	H45+S42 converter	4:2:2:4 P27:S42:H45:ES15	2.02
P30* SpectraSeal	ES15	H38	4:2:1	3.5
*To create SpectraSeal first mix P30 2:1 with S41 Sealer Converter				
E2A820/E2W823 Prime Shield	R7K7204	V6V825	10:2:1	2.85
E2A820/E2W823 Prime Shield	R7K7209	V6V838	3:1:1	2.11
E2A820/E2W823 Prime Shield	R7K7210	V6V825	10:4:1	1.97
W7A2260 AQUA-FILL® 1K Waterborne Primer Sealer	-0-	W7A2261 converter	2:1	1.29

TOPCOAT - SINGLE STAGE and METALLIC COLORS V.O.C. Limit 5.0 lbs/gal

PRODUCT	REDUCER	HARDENER	MIXING RATIO	VOC MAX
Ultra One HPU 3.5	ES-15 ES-20	UH100	4:2:1* 5:3:1**	3.5
* As Packaged VOC of Color greater than or equal to 4.21 lbs/gal ** As Packaged VOC of Color less than or equal to 4.20 lbs/gal				
P30 Underhood Topcoat First Mix P30 Color 2:1 with Topcoat converter S41	ES-15	H38	4:2:1	3.5
GENESIS® GC	-0-	GH1091	3:1	3.5
GENESIS® LV1	-0-	GH1096	5:1	2.8
GENESIS® LV3 / LV5	-0-	GH1096	4:1	2.8
GENESIS® GLV	-0-	GH1096	3:1	2.8

TOPCOAT - MULTI-STAGE - BASECOATS V.O.C. Limit 5.0 lbs/gal Composite

PRODUCT	REDUCER	HARDENER	MIXING RATIO	VOC MAX
AWX Performance Plus™ 3.5 VOC Waterborne Basecoat	4550020 4550030	N/A N/A	1:25% 1:20%	3.49 3.47
AWX® 3.5 VOC Waterborne Basecoat	4550035, 4550025	N/A	1:30%	3.5
Ultra 7000 (also Multi-Tones) (Basecoat Transparent)	RHF65 thru RHF95 BCS65 thru BCS95	-0- UH904	1:1 16:16:1	6.3
(Motorcoach Basecoat) (Midcoat Basecoat)				

TOPCOAT - MULTISTAGE - CLEARCOATS V.O.C. Limit 5.0 lbs/gal Composite

PRODUCT	REDUCER	HARDENER	MIXING RATIO	VOC MAX
CC930 Speed-Plus 3.5 Clearcoat	US1 - US6	UH904	3:1:10%	3.5
CC931 Extreme Speed Clearcoat	US3 - US6	UH904	3:1:20%	3.93
CC939 Performance Plus Clearcoat	US1 - US6	UH60, UH70, UH80	4:1:1	4.2
CC950 Appearance Plus 3.5 Clearcoat	US1 - US6	UH904	3:1:1 3:1:10%	4.02 3.5
HPC15 HP Process™ Clearcoat	US2 - US5	UH80, UH90	4:1:1	4.25
HPC21 2.1 VOC HP Process™ Clearcoat	ES10, ES15, ES20	UH900	4:1:1	1.89
1100757 2.1 VOC Performance Plus Clearcoat	ES55, ES56	UH902	2:1:1	2.1
1100755 Elegance™ Clearcoat	ES55, ES56	UH900	2:1:1	2.1
1100751 Elegance Plus™ Clearcoat	ES55, ES56	UH900	2:1:1	2.04
CC920 2.1 VOC Speed Plus Performance Clearcoat	R24, R26, R28	UH924	3:1:1	2.09
CC921 2.1 VOC Appearance Plus Performance Clearcoat	R24, R26, R28	UH924	3:1:1	2.09
CC923 2.1 VOC Extreme Speed Clearcoat	R26, R28, R30	UH924	3:1:1	2.1
CC927 2.1 VOC Matte Clearcoat		See PDS for mix options		1.86
SRC2 Scratch Resistant Clearcoat	R24, R26, R28, R30	UH20	3:1:1	2.07

SPECIALTY COATINGS V.O.C. Limit 7.0 lbs/gal

V6V299 Multi-Flex V3K780 Leveler R7K6252 Universal Urethane Retarder T1F270 Ultra System Flattening Base T1F271 Exterior Flattening Base U7378 Ultra Interior Mixing Clear P30 SpectraPrime*	CC927 2.1 Matte Clearcoat S66 when used as a 2K Adhesion Promoter UPO7228, UPO7229 Plastic Primer GA1097, GA1098 Accelerators BS10 Blending Clear US1, US2, US3, US4, US5, US6 (as Blending Solvents)
* To Be Used Only In A Flexibilized System	



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