

Sherwin-Williams Automotive Finishes

VOC Compliance Chart

Butte County Rule 235

June 19, 1997

METAL PRETREATMENT & SURFACE CLEANERS

V.O.C. Limit 1.67/6.5 lbs/gal

PRODUCT	REDUCER	HARDENER	MIXING RATIO	VOC MAX
R7K156 Sher-Will-Clean	-0-	Use in Spray Bottle or For Plastic Parts Only		6.4
R7K158 Ultra-Clean	-0-	Use in Spray Bottle or For Plastic Parts Only		6.2
SC155 Plastic Parts Cleaner	-0-	Use in Spray Bottle or For Plastic Parts Only		0.7
SC159 Plastic Parts Cleaner	Water	Use in Spray Bottle or For Plastic Parts Only	10:1	6.4
W4K157 Aqua-Mate	Water	-0-	As Packaged	1.3
W4K263 Dual Etch	Water	-0-	1:2	0.4
W4K288 Met-L-Etch	Water	-0-	1:2	0.5
W4K289 Met-L-Mate	-0-	-0-	As Packaged	0.0
R1K213 Krill-Kleen	-0-	Use in Spray Bottle or For Plastic Parts Only		6.3

PRETREATMENT PRIMERS

V.O.C. Limit 6.5 lbs/gal

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

PRIMER SURFACERS

V.O.C. Limit 2.8 lbs/gal

PRODUCT	REDUCER	HARDENER	MIXING RATIO	VOC MAX
P23 Ultra Shade	ES-15 ES-20	H24	4:1:1	2.1
NP75 2.1 Iso-Free Surfer	ES-15 ES-20	NH77	5:2:1	2.1
NP2100 2.1 Iso-Free Primer-Surfer	-0-	NH2200	3:1	2.1
21 Polyester Primer	-0-	1 Tube MEKP (0.75 oz)	Per Quart	0.1
W7A2260 AQUA-FILL 1K Waterborne	-0-	-0-	RTS	1.06

PRIMER SEALERS

V.O.C. Limit 3.5 lbs/gal

PRODUCT	REDUCER	HARDENER	MIXING RATIO	VOC MAX
P27 Primer-Sealer	ES-15	H45 + S42 Converter	4:2:2:4	1.98
P30* SpectraSeal	ES-15	H38	4:2:1	3.5
* To create SpectraSeal First Mix P30 2:1 with S41 Sealer Converter				
W7A2260 AQUA-FILL 1K Waterborne	-0-	W7A2261	2:1	1.29
E2A820/823 Prime Shield	R7K7204	V6V825	10:2:1	2.8
E2A820/823 Prime Shield	R7K7209	V6V838	3:1:1	3.5

TOPCOAT - SINGLE STAGE SOLID 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	ES-15	H38	4:2:1	3.5
First Mix P30 Color 2:1 with Topcoat converter S41				
Genesis 2.8	-0-	GH1096	3:1	2.8
Genesis 3.5	-0-	GH1091	3:1	3.5

TOPCOAT - MULTI-STAGE - BASECOATS

V.O.C. Limit 5.0 LBS/GAL Composite

PRODUCT	REDUCER	HARDENER	MIXING RATIO	VOC MAX
AWX 3.5 VOC Waterborne Basecoat	4550001, 4550002	-0-	1:10-20%	3.5
Ultra 7000 (also Multi-Tones) (Basecoat Transparent) (Motorcoach Basecoat) (Midcoat Basecoat)	RHF65 thru RHF95 BCS65 thru BCS95	-0- UH904	1:1 16:16:1	6.3

TOPCOAT - MULTI-STAGE - CLEARCOATS

V.O.C. Limit 5.0 LBS/GAL Composite

PRODUCT	REDUCER	HARDENER	MIXING RATIO	VOC MAX
CC920 Speed-Plus 2.1 Clearcoat	R24 R26 R28	UH924	3:1:1	2.1
CC921 Appearance Plus 2.1 Clearcoat	R24 R26 R28	UH924	3:1:1	2.1
CC923 Extreme Speed 2.1 Clearcoat	R30	UH924	3:1:1	2.1
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
SRC1 Scratch Resistant Clearcoat	-0-	UH70, UH80 UH90	3:1	3.5
SRC2 Scratch Resistant Clearcoat	R24, R26, R28, R30, US3-US6	UH20 UH20	3:1:1 3:1:1	2.1 2.6
HPC21 HP Process Clearcoat	ES10, ES15, ES20	UH900	4:1:1	0.55

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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