

# Sherwin-Williams Automotive Finishes

## VOC Compliance Chart

### Imperial County Rule 427

September 14, 1999

#### METAL PRETREATMENT & SURFACE CLEANERS

V.O.C. Limit 1.67 lbs/gal

PRODUCT	REDUCER	HARDENER	MIXING RATIO	VOC MAX
W4K157 Aqua-Mate	-0-	-0-	As Packaged	1.31
SC155 Plastic Parts Cleaner	-0-	-0-	As Packaged	0.7
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

#### 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 <i>* To create SpectraSeal First Mix P30 2:1 with S41 Sealer Converter</i>	ES-15	H38	4:2:1	3.5
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 3.5 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 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 4.5 LBS/GAL Composite

PRODUCT	REDUCER	HARDENER	MIXING RATIO	VOC MAX
AWX 3.5 VOC Waterborne Basecoat	4550025, 4550035	-0-	1:30%	3.5
Ultra 7000 (also Multi-Tones) (Basecoat Transparent) (Motorcoach Bascoat) (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 4.5 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	R26, R28	UH904	3:1:20%	3.5
CC950 Appearance Plus 3.5 Clearcoat	US1 - US6	UH904	3:1:10%	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
1100755 Elegance Clearcoat	ES55, ES56	UH900	2:1:1	2.1

#### SPECIALTY COATINGS

V.O.C. Limit 7.0 lbs/gal

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



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