

Spies Hecker® VOC Compliance Chart

State of Rhode Island Reg. 30 - Automobile Refinishing Operations

Group 1 Vehicles - See footer below

Effective: 3/31/1994



Description	Compliant Rule(s)				Applied VOC lbs/gal	Remarks
Surface Preparation VOC Limit = 1.4 lbs/gal (168 g/L)						
107™ Auta Low VOC Gun & Equipment Cleaner					0.2	
210™ Auta Silicone Remover Water					1.4	
220™ Auta Silicone Remover Low VOC					0.2	
205™ Auta Plastic Cleaner Paste					0.1	
Plastic Surface Preparation VOC Limit = 6.5 lbs/gal (780 g/L) - Plastic surfaces only						
200™ Auta Silicone Remover Slow					6.5	
205™ Auta Silicone Remover (Aerosol)					6.3	
130™ Auta Bus & Tire Remover					2.9	
225™ Auta Bus & Tire Remover					2.9	
Description	Mix Ratio	Hardener	Reducer/Additive	Addl Product	Max Applied VOC (L) lbs/gal	Remarks
Pre-treatment VOC Limit = 6.5 lbs/gal (780 g/L)						
Primerall® Primer 3255	<50%	N/A	8560, 3363, 3365	N/A	6.5	
Primerall® Primer 3255 (Aerosol)	Ready to Use	N/A	N/A	N/A	N/A	
Primerall® Wash Primer 4075	1:1	4076	N/A	N/A	6.5	
Primerall® 1K Primer Surfacec 4085 (Aerosol)	Ready to Use	N/A	8560, 3363, 3365	N/A	N/A	
Primerall® 1K Primer Surfacec 4385	<50%	N/A	N/A	N/A	6.5	
420™ Auta Dash Primer	1:1	421	N/A	N/A	6.5	
410A™ Auta 1K Primer Surfacec Light Gray	Ready to Use	N/A	N/A	N/A	N/A	
400A™ Auta 1K Primer Surfacec Dark Gray	Ready to Use	N/A	N/A	N/A	N/A	
485™ Auta Metal Coated Paint Vials	Ready to Use	N/A	N/A	N/A	N/A	
Primer/Primer-Surfacec VOC Limit = 4.8 lbs/gal (580 g/L)						
Primerall® 1K Protective Primer Surfacec 4100	<15-10%	N/A	6000	N/A	4.8	
Primerall® EP Primer Surfacec 4500	1:1<20-30%	4501	1363, 3365	N/A	4.8	
Primerall® EP Primer Surfacec 4502	2:1<10-10%	4503	1394	N/A	4.8	
400A™ Auta Epoxy 2K	Ready to Use	104080	N/A	N/A	4.8	
Primerall® HS Surfacec 4510	2:1 1:1 + 5-10%	3220, 3230, 3240, 3245	8560, 3363, 3365, 5408	N/A	4.8	
Primerall® 2K Surfacec 5167	4:1 + 5-10%	3307, 3309, 3310, 3315, 3320, 3325	8560, 3363, 3365, 5408, 5409, 5410	N/A	4.8	
Primerall® Spectro Surfacec 4500	4:1<10-20%	3307, 3309, 3310, 3315, 3320, 3325	8560, 3363, 3365, 5408, 5409, 5410	<10% 9050	4.8	9050 must be added before hardener.
Primerall® HS Premium Surfacec 5310	4:1<10-10%	3307, 3309, 3310, 3315, 3320, 3325	8560, 3363, 3365	N/A	4.8	
Primerall® HS Premium Surfacec 5310	7:1<10-20%	3220, 3230, 3240, 3245	8560, 3363, 3365	N/A	4.8	
Primerall® Spectro Surfacec 4400	4:1<10-10%	3307, 3309, 3310, 3315, 3320, 3325	8560, 3363, 3365	N/A	4.8	
Primerall® Spectro Surfacec 5400 Electrocoat	2:1<10-10%	3307, 3309, 3310, 3315, 3320, 3325	8560, 3363, 3365	<10% 9050	4.8	9050 must be added before hardener.
Primerall® Spectro Surfacec 5400	7:1<10%	3220, 3230, 3240, 3245	8560, 3363, 3365	N/A	4.8	
Primerall® Spectro Surfacec 5400 Electrocoat	3:1<10%	3220, 3230, 3240, 3245	8560, 3363, 3365	<10% 9050	4.8	9050 must be added before hardener.
Primerall® Spectro Sealer 5450	3:1<20-25%	3307, 3309, 3310, 3315, 3320	5408	N/A	4.8	
Primerall® Spectro Sealer 5450 Electrocoat	2:1<20-20%	3307, 3309, 3310, 3315, 3320	5408	15-30% 9050	4.8	9050 must be added before hardener.
Primerall® Spectro Sealer 5450	5:1<20-30%	3220, 3230, 3240, 3245	5408	N/A	4.8	
Primerall® Spectro Surfacec 5450 Electrocoat	4:1<20-30%	3220, 3230, 3240, 3245	5408	N/A	4.8	
Primerall® Vario Surfacec 5500	3:1<10-10%	3307, 3309, 3310, 3315, 3320, 3325	8560, 3363, 3365	<10% 9050	4.8	9050 must be added before hardener.
Primerall® Vario Surfacec 5500 Electrocoat	3:1<10-10%	3307, 3309, 3310, 3315, 3320, 3325	8560, 3363, 3365	<10% 9050	4.8	9050 must be added before hardener.
Primerall® Vario Surfacec 5500	5:1<10-20%	3220, 3230, 3240, 3245	8560, 3363, 3365	N/A	4.8	
Primerall® 1K UV Staight Primer Surfacec 8002 (Aerosol)	Ready to Use	N/A	N/A	N/A	N/A	
Primerall® 1K UV Staight Primer Surfacec 9002	Ready to Use	N/A	N/A	N/A	N/A	Aerosol
Primer-Sealers VOC Limit = 4.6 lbs/gal (560 g/L)						
Primerall® Spectro Surfacec 5400	2:1<20-30%	3307, 3309, 3310, 3315, 3320, 3325	5407	N/A	4.6	
Primerall® Spectro Surfacec 5400 wPermacron Reducer	2:1<20-20%	3307, 3309, 3310, 3315, 3320, 3325	5407	<0.5% 8580, 3363, 3365	4.6	
Primerall® Spectro Surfacec 5400 Electrocoat	2:1	3307, 3309, 3310, 3315, 3320, 3325	5407	<10% 9050	4.6	9050 must be added before hardener.
Primerall® Spectro Surfacec 5400 Electrocoat wPermacron Reducer	2:1	3307, 3309, 3310, 3315, 3320, 3325	<10% 5407	<10% 9050	4.6	
Primerall® Spectro Surfacec 5400	3:1<40-50%	3220, 3230, 3240, 3245	5407	<0.5% 8580, 3363, 3365	4.6	
Primerall® Spectro Surfacec 5400 wPermacron Reducer	3:1<40-40%	3220, 3230, 3240, 3245	5407	<0.5% 8580, 3363, 3365	4.6	
Primerall® Spectro Surfacec 5400 Electrocoat	3:1<40-50%	N/A	5407	<10% 9050	4.6	9050 must be added before hardener.
Primerall® Spectro Surfacec 5400 Electrocoat wPermacron Reducer	3:1	3220, 3230, 3240, 3245	<10% 5407	<10% 9050	4.6	
Primerall® Spectro Sealer 5450	3:1<20-25%	3307, 3309, 3310, 3315, 3320	5409, 5410	N/A	4.6	
Primerall® Spectro Surfacec 5450 Electrocoat	2:1<20-20%	3307, 3309, 3310, 3315, 3320	5409, 5410	15-30% 9050	4.6	9050 must be added before hardener.
Primerall® Spectro Sealer 5450	5:1<20-30%	3220, 3230, 3240, 3245	5409, 5410	N/A	4.6	
Primerall® Spectro Surfacec 5450 Electrocoat	4:1<25-30%	3220, 3230, 3240, 3245	5409, 5410	15-30% 9050	4.6	9050 must be added before hardener.
Primerall® 2K Sealer 5500	1:50	3089	N/A	N/A	4.6	
Primerall® Vario Surfacec 5500 Electrocoat	3:1<20%	3307, 3309, 3310, 3315, 3320, 3325	8560, 3363, 3365	20% 9050	4.6	9050 must be added before hardener.
Primerall® Vario Surfacec 5500	5:1<10-20%	3220, 3230, 3240, 3245	8560, 3363, 3365	30% 9050	4.6	9050 must be added before hardener.
Single Stage Topcoats VOC Limit = 5.0 lbs/gal (600 g/L)						
Permacron® Acrylic Urethane Series 257	3:1<10-10%	3307, 3309, 3310, 3315, 3320, 3325	8560, 3363, 3365	N/A	5.0	
Permacron® Automotive Topcoat Series 257 FP-1004 Raly Mat Black	4:1<25%	3220, 3230, 3240, 3245	8560, 3363, 3365	<15% 9050	5.0	
Permacron® Automotive Topcoat 707 Series FP-1003 Blue Black	4:1<25%	3220, 3230, 3240, 3245	8560, 3363, 3365	<15% 9050	5.0	
Permacron® Automotive Top Coat FP 1005 Warm Gray VV0404	3:1	3307, 3309, 3310, 3315, 3320, 3325	<0.5% 8096, 8096	<15% 9050	5.0	
Permacron® Automotive Top Coat FP 1005 Warm Gray VV0404	4:1<10%	3220, 3230, 3240, 3245	8560, 3363, 3365, 3394, 5409, 5410	<0.5% 8096, 8096	5.0	
2-stage Topcoat VOC Limit = 5.0 lbs/gal (600 g/L) applied as a system						
3-stage Topcoat VOC Limit = 5.2 lbs/gal (630 g/L) applied as a system						
Basecoats: Must be used with specific clearcoats for compliance						
Primerall® Hi-TEC Base Coat	<10-30%	N/A	6050, 6051, 6052, 6053	N/A	5.0	
Primerall® Hi-TEC Base Coat w/ Hardener	<15-25% +10-30%	N/A	6050, 6051, 6052, 6053	N/A	5.0	
Primerall® Base Coat Series 280285	<5-15%	N/A	6050	N/A	5.0	
Primerall® Base Coat Series 280285	<10-10%	N/A	6052	N/A	5.0	
Primerall® Base Coat Series 280285	<5-10%	6057	<10-20% 6050 or 0-10% 6052	N/A	5.0	
Permacron® Base Coat Series 280296	<10-50%	N/A	3054, 3055, 3056	N/A	5.2	
Permacron® P2903	<10% +40-50%	3307, 3309, 3310, 3315, 3320, 3325	3055, 3054, 3056	N/A	5.2	
Permacron® P2903	<10% +45%	3220, 3230, 3240, 3245	3055, 3056, 3056	N/A	5.2	
Permacron® Base Coat Series 280296 - GMW 15406	<10% +40-50%	3307, 3309, 3310, 3315, 3320, 3325	3054, 3055, 3056	N/A	5.2	
Permacron® Base Coat Series 280296 - GMW 15406	<10% +40-50%	3220, 3230, 3240, 3245	3055, 3056, 3056	N/A	5.2	
Permacron® Base Coat Series 280296 - High Temp/Humidity	<10% +15%	N/A	3055, 3056, 3056	N/A	5.2	
Primerall® 2K Diamond Midcoat MC 0001	2:1<10-15%	3189, 3194, 3196	3369, 3384	<15% 9050	5.0	
Primerall® 2K Transparent Blue Midcoat MC 8002	2:1<10-15%	3189, 3194, 3196	3369, 3384	<15% 9050	5.0	
Primerall® 2K Transparent Blue Midcoat MC 8002	2:1<10-15%	3189, 3194, 3196	3369, 3384	<15% 9050	5.0	
Permacron® Transparent Midcoat MC 1101	2:1<10-15%	3220, 3245	3363, 3365	9045, 9046, 9056, 9057, 9058	5.0	
Clearcoats: Must be used as a system with basecoats at either 5.0 lbs/gal (600 g/L) 2-stage or 5.2 lbs/gal (630 g/L) 3-stage for compliance						
Spies Hecker® HS Speed Clear Coat 8820	1:1	3251, 3254, 3255, 3252, 3257	N/A	N/A	5.2	Compliant when used with both 2 & 3-stage coating systems.
Permacron® HS Clear Coat 8035	2:1<10-10%	3307, 3309, 3310, 3315, 3320, 3325	8560, 3363, 3365, 9025	N/A	5.0	Compliant when used in a 2-stage coating system.
Permacron® HS Clear Coat 8035 Electrocoat	2:1<10-10%	3307, 3309, 3310, 3315, 3320, 3325	8560, 3363, 3365, 9025	<15-30% 9050	5.0	Compliant when used in a 2-stage coating system. 9050 must be added before hardener.
Permacron® HS Clear Coat 8035	3:1<10-20%	3220, 3230, 3240, 3245	8560, 3363, 3365, 9025	N/A	5.0	Compliant when used with both 2 & 3-stage coating systems.
Permacron® HS Clear Coat 8035 Electrocoat	2:1<10-20%	3220, 3230, 3240, 3245	8560, 3363, 3365, 9025	<15-30% 9050	5.0	Compliant when used with both 2 & 3-stage coating systems. 9050 must be added before hardener.
Permacron® MS Express Clear Coat 8046	2:1<10-5%	3307, 3309, 3310, 3315, 3320, 3325	8560, 3363, 3365, 9025	N/A	5.0	Compliant when used in a 2-stage coating system.
Permacron® MS Express Clear Coat 8046 Electrocoat	2:1<10-5%	3307, 3309, 3310, 3315, 3320, 3325	8560, 3363, 3365, 9025	<15-30% 9050	5.0	Compliant when used in a 2-stage coating system. 9050 must be added before hardener.
Permacron® MS Express Clear Coat 8046	3:1<10-10%	3220, 3230, 3240, 3245	8560, 3363, 3365, 9025	N/A	5.0	Compliant when used in a 2-stage coating system.
Permacron® MS Express Clear Coat 8046 Electrocoat	3:1<10%	3220, 3230, 3240, 3245	8560, 3363, 3365, 9025	<15-30% 9050	5.0	Compliant when used in a 2-stage coating system; 9050 must be added before hardener.
Permacron® Low VOC Clear Coat 8096	2:2 + 10%	3307, 3309, 3310, 3315, 3320	1363, 3365, 8580	N/A	5.0	
Permacron® Low VOC Clear Coat 8096	2:2 + 10%	3220, 3230, 3240, 3245	1363, 3365, 8580	N/A	5.0	
Permacron® Low VOC Clear Coat 8096 Electrocoat	3:2 + 5-10%	3307, 3309, 3310, 3315, 3320, 3325	1363, 3365, 8580	<15-30% 9050	5.0	Compliant when used with both 2 & 3-stage coating systems. 9050 must be added before hardener.
Permacron® Low VOC Clear Coat 8096	3:2 + 10-20%	3220, 3230, 3240, 3245	1363, 3365, 8580	<15-30% 9050	5.0	Compliant when used with both 2 & 3-stage coating systems. 9050 must be added before hardener.
Permacron® MS Clear Coat 8180	2:1	3307, 3309, 3310, 3315, 3320	N/A	N/A	5.0	
Permacron® MS Clear Coat 8180 Electrocoat	2:1	3307, 3309, 3310, 3315, 3320	N/A	<15-30% 9050	5.0	Only compliant when used in a 2-stage coating system. 9050 must be added before hardener.
Permacron® MS Clear Coat 8180	3:1<10-10%	3220, 3230, 3240, 3245	8560, 3363, 3365	N/A	5.0	Only compliant when used in a 2-stage coating system.
Permacron® MS Clear Coat 8180 Electrocoat	3:1<10%	3:1 w/320, 3230, 3240, 3245	8560, 3363, 3365	<15-30% 9050	5.0	Only compliant when used in a 2-stage coating system; 9050 must be added before hardener.
Permacron® HS Optimum Clear Coat 8600	3:1	3251, 3254, 3255, 3252, 3257	N/A	N/A	5.0	Only compliant if used in a 2-stage coating system with 293295 basecoat or with a 2 or 3-stage coating system and Permacron® Hi-TEC Basecoat.
Permacron® HS Optimum Clear Coat 8600 Electrocoat	3:1<10-5%	3251, 3254, 3255, 3252, 3257	8560, 3363, 3365, 9025	<15-30% 9050	5.2	Compliant when used with both 2 & 3-stage coating systems.
Permacron® HS Optimum Clear Coat 8600	3:1<10-5%	3220, 3230, 3240, 3245	8560, 3363, 3365, 9025	N/A	5.0	Only compliant if used in a 2-stage coating system with 293295 basecoat or with a 2 or 3-stage coating system and Permacron® Hi-TEC Basecoat.
Permacron® HS Optimum Clear Coat 8600 Electrocoat	3:1<10-5%	3220, 3230, 3240, 3245	8560, 3363, 3365, 9025	<15-30% 9050	5.2	Compliant when used with both 2 & 3-stage coating systems.
Permacron® HS Diamond Clear Coat 8450	3:1<10-5%	3240	8560, 3363, 3365	8.2	Compliant when used with both 2 & 3-stage coating systems.	
Permacron® HS Diamond Clear Coat 8450 - ASAP	2:1<10-5%	3240	8560, 3363, 3365	<10% 9050	5.2	Compliant when used with both 2 & 3-stage coating systems. 9050 must be added before hardener.
Permacron® Matte Clear Coat Additive 8052 with 8035					5.0	Refer to TDS for mixing instructions over both metal and plastic.
Specialty Coatings VOC Limit = 7.0 lbs/gal (840 g/L)						
Adhesion Promoters						
Permacron® Transparent Surfacec 8550	3:1<20-30%	3307, 3309, 3310, 3315, 3320, 3325	8560, 3363, 3365	N/A	7.0	
Permacron® Transparent Surfacec 8550	<1 + 30%	3220, 3230, 3240, 3245	8560, 3363, 3365	N/A	7.0	
Permacron® Vario Surfacec 8500	1:1<20-30%	3307, 3309, 3310, 3315, 3320, 3325	8560, 3363, 3365	N/A	7.0	
Permacron® Vario Surfacec 8500	5:1<40-60%	3220, 3230, 3240, 3245	8560, 3363, 3365	N/A	7.0	
Elastomeric Coatings						
Primerall® 11 Elastic Primer Surfacec 3300	1:1	1301	N/A	N/A	7.0	
Primerall® Elastic Primer 3304	Ready to Use	N/A	N/A	N/A	7.0	
Primerall® Elastic Primer						