

Spies Hecker® VOC Compliance Chart



Glenn County APCD Article IV Section 105 - Effective 07/01/1998

Description	Compliant Rule(s)	Applied VOC g/L	Remarks
Surface Preparation VOC Limit = 0.6 lbs/gal (72 g/L)			
107™ Axalta Low VOC Gun & Equipment Cleaner	Glenn	25	
220™ Axalta Silicone Remover Low VOC		20	
130™ Axalta Cleaner		0	
Pernahyd® Silicone Remover 7096 (in a spray bottle)		25	
Surface Preparation (Plastic Parts Only) VOC Limit = 6.5 lbs/gal (780 g/L)			
Pernahyd® Plastic Cleaning Paste 7081	Glenn	13	
265™ Axalta Plastic Cleaning Paste		13	
210™ Axalta Silicone Remover Slow (in a spray bottle)		750	Must be applied with a spray bottle for compliance.
Pernament® Silicone Remover 7010 Slow (in a spray bottle)		750	Must be applied with a spray bottle for compliance.
225™ Axalta Blue & Tar Remover (in a spray bottle)		347	Must be applied with a spray bottle for compliance.
139™ Axalta Blue & Tar Remover (in a spray bottle)		247	Must be applied with a spray bottle for compliance.
210™ Axalta Silicone Remover Water (in a spray bottle)		164	Must be applied with a spray bottle for compliance.
Pernahyd® Silicone Remover 7085 (in a spray bottle)		188	Must be applied with a spray bottle for compliance.
Pernahyd® Silicone Remover 7086 (in a spray bottle)		188	Must be applied with a spray bottle for compliance.
		195	Must be applied with a spray bottle for compliance.
		195	Must be applied with a spray bottle for compliance.

Description	Mix Ratio	Hardener	Reducer/Additive	Addtl Product	Max Applied VOC (LE) g/L	Remarks
Pre-treatment VOC Limit = 6.5 lbs/gal (780 g/L)						
Priomat® Primer 3255 (Aerocol)	Ready to Use	N/A	N/A	N/A	N/A	
Priomat® Primer 3255	+50%	N/A	8580, 3363, 3365	N/A	780	
425™ Axalta Etch Primer Low VOC	2:1	426	N/A	N/A	780	
Priomat® 5 Wash Primer 4056	2:1	4056	N/A	N/A	780	
Priomat® Wash Primer 4075	1:1	4076	N/A	N/A	780	
420™ Axalta Etch Primer	1:1	421	N/A	N/A	780	
Priomat® 1K Primer Surfacer 4085	+50%	N/A	8580, 3363, 3365	N/A	780	
Priomat® 1K Primer Surfacer 4085 (Aerocol)	Ready to Use	N/A	N/A	N/A	N/A	
410A™ Axalta 1K Primer Surfacer Light Gray	Aerocol	N/A	N/A	N/A	N/A	
400A™ Axalta 1K Primer Surfacer Dark Gray	Aerocol	N/A	N/A	N/A	N/A	
485™ Axalta Metal Pretreatment Wipes	Ready to Use	N/A	N/A	N/A	780	
Axalta® Pretreatment Wipes PS4000™	Ready to Use	N/A	N/A	N/A	780	

Description	Mix Ratio	Hardener	Reducer/Additive	Addtl Product	Max Applied VOC (LE) g/L	Remarks
Primers/Primer-Surfacers VOC Limit = 2.8 lbs/gal (340 g/L)						
Pernahyd® 1K Productive Primer Surfacer 4100	+5-10%	N/A	8000	N/A	340	
Pernahyd® EP Primer Surfacer 4502	2:1+0-10%	4503	3384	N/A	340	
450A™ Axalta Epoxy 2K	Ready to Use	included	N/A	N/A	N/A	
Pernacron® VHS Surfacer 5150	1.5:1+0-5%	3192, 3194, 3196	3392, 3394	N/A	340	
Pernacron® VHS Surfacer 5150	2:1+10-20%	3170	3369, 3370, 3371	N/A	340	
Pernacron® 2.1 Surfacer 5155	4:1+20-30%	3193, 3195, 3197, 3199	3369, 3370, 3371	N/A	340	
Pernacron® 2.1 Surfacer 5155 Elasticized	2:1+20-30%	3193, 3195, 3197, 3199	3369, 3370, 3371	+30% 9050	340	9050 must be added before hardener.
Pernacron® 2.1 Surfacer 5157	5:1+10-20%	3192, 3194, 3196	3392, 3392, 3394, 5409, 5410	N/A	340	
Pernacron® 2.1 Surfacer 5157 Elasticized	4:1+10-20%	3192, 3194, 3196	3392, 3392, 3394, 5409, 5410	+15% 9050	340	9050 must be added before hardener.
Pernacron® 1K UV Starburst Primer Surfacer 9002 (Aerocol)	Ready to Use	N/A	N/A	N/A	N/A	Aerocol
Pernacron® 1K UV Starburst Primer Surfacer 9002	Ready to Use	N/A	N/A	N/A	340	Non-aerosol version
Primer-Sealers VOC Limit = 2.8 lbs/gal (340 g/L)						
Pernacron® 2.1 Surfacer 5155	2:1+30%	3193, 3195, 3197, 3199	9070	+10-20% 3369, 3370, 3371	340	
Pernacron® 2.1 Surfacer 5155 Elasticized	2:1+30%	3193, 3195, 3197, 3199	9070	+10-20% 3369, 3370, 3371 +15-30% 9050	340	9050 must be added before hardener.
Pernacron® Spectro Sealer 5450	4:1+30%	3192, 3194, 3196	5409, 5410	N/A	340	
Pernacron® Spectro Sealer 5450 Elasticized	3:1+30%	3192, 3194, 3196	5409, 5410	+15-30% 9050	340	9050 must be added before hardener.
Pernahyd® 2K Sealer 8650	1:5	8650	N/A	N/A	340	

Single Stage Topcoat VOC Limit = 5.0 lbs/gal (600 g/L) Color Match Required: 3.5 lbs/gal (420 g/L) No color match required. Additional additives may be used. Consult technical data sheet for usage and compliance.						
Pernacron® Acrylic Urethane Series 257	3:1+5-10%	3307, 3309, 3310, 3315, 3320, 3325	8580, 3363, 3365	N/A	5.0	
Pernacron® Automotive Top Coat FP 1005 Warm Gray VV604N	3:0:1	3307, 3309, 3310, 3315, 3320, 3325		+0-5% 8092, 8096	5.0	
Pernacron® Automotive Topcoat Series 257 FP-1004 Rally Matt Black	4:1+25%	3220, 3230, 3240, 3245	8580, 3363, 3365	+15% 9050	5.0	
Pernacron® Automotive Topcoat 257 Series FP-1002 Blue Black	4:1+25%	3220, 3230, 3240, 3245	8580, 3363, 3365	+15% 9050	5.0	
Pernacron® Automotive Top Coat FP 1005 Warm Gray VV604N	4:1+10%	3220, 3230, 3240, 3245	8580, 3363, 3365, 3394, 5409, 5410	+0-5% 8092, 8096	5.0	

Multi-stage Topcoat VOC Limit = 5.0 lbs/gal (600 g/L) COLOR MATCH REQUIRED; 3.5 lbs/gal (420 g/L) COLOR MATCH NOT REQUIRED - applied as a 2-stage or 3-stage system

Basecoats: Must be used with specific clearcoats for compliance - check TDS for usage						
Pernahyd® Hi-TEC Base Coat	+10-30%	N/A	6050, 6051, 6052, 6053	N/A	600	
Pernahyd® Hi-TEC Base Coat w/ Hardeners	+5-10%+10-30%	3080	6050, 6051, 6052, 6053	N/A	600	
Pernahyd® Base Coat Series 290/295	+0-15%	N/A	6000	N/A	600	
Pernahyd® Base Coat Series 290/295	+0-10%	N/A	6002	N/A	600	
Pernahyd® Base Coat Series 290/295	+5-10%	9007	+10-20% 6000 or 0-10% 6002	N/A	600	
Pernacron® Base Coat Series 293/295	+40-50%	N/A	3054, 3055, 3056	N/A	600	
Pernacron® Base Coat Series 293/295 - GMW 15406	+10% +40-50%	3220, 3230, 3240, 3245	3054, 3055, 3056	N/A	600	
Pernacron® Base Coat Series 293/295 - GMW 15406	+10% +40-50%	3192, 3194, 3196	3054, 3055, 3056	N/A	600	
Pernacron® FP2003	+15% +40-50%	3193, 3195, 3197, 3199	3055, 3056, 3056	N/A	600	
Pernacron® 2K Diamond Midcoat, MC 0001	2:1+10-15%	3192, 3194, 3196	3392, 3394	+15% 9050	600	
Pernacron® 2K Transparent Red Midcoat, MC 0002	2:1+10-15%	3192, 3194, 3196	3392, 3394	+15% 9050	600	
Pernacron® 2K Transparent Blue Midcoat, MC 0003	2:1+10-15%	3192, 3194, 3196	3392, 3394	+15% 9050	600	
Pernacron® Transparent Midcoat 9100	1:1+3%	3194, 3196	3394	8046, 9049, 9056, 9057, 9058	600	

Clearcoats: Must be used as a system with specified basecoats for compliance - check TDS for usage

Pernacron® HS Clear Coat 8035	2:1+5%	3193, 3195, 3197, 3199	3369, 3370, 3371, 9025	N/A	600	Not compliant if used in a 3-stage coating system with 293/295 basecoat.
Pernacron® HS Clear Coat 8035 Elasticized	2:1+5%	3193, 3195, 3197, 3199	3369, 3370, 3371, 9025	+15-30% 9050	600	9050 must be added before hardener. Not compliant if used in a 3-stage coating system with 293/295 basecoat.
Pernacron® Air Dry Clear Coat 8094	4:1 +20%	3192, 3194, 3196	3392, 3394	N/A	600	
Pernacron® Air Dry Clear Coat 8094 Elasticized	4:1 +20%	3192, 3194, 3196	3392, 3394	+10% 9050	600	9050 must be added before hardener.
Pernacron® 2.1 Clear Coat 8095	2:1+5-10%	3193, 3195, 3197, 3199	3369, 3370, 3371	N/A	600	
Pernacron® 2.1 Clear Coat 8095 Elasticized	2:1+5-10%	3193, 3195, 3197, 3199	3369, 3370, 3371	+15-30% 9050	600	9050 must be added before hardener.
Pernacron® Low VOC Clear Coat 8096	2:1+10-15%	3192, 3194, 3196	3392, 3394	N/A	600	
Pernacron® Low VOC Clear Coat 8096 Elasticized	2:1+10-15%	3192, 3194, 3196	3392, 3394	+15% 9050	600	9050 must be added before hardener.
Pernacron® Matte Clear Coat Additive 8091 with 8096 Flat Finish	3:1 w/8096	2:1 w/3194, 3196	+10-15% 3392, 3394	N/A	600	
Pernacron® Matte Clear Coat Additive 8091 with 8096 Satin Finish	2:5:1 w/8096	2:1 w/3194, 3196	+10-15% 3392, 3394	N/A	600	
Pernacron® 2.1 Clear Coat 8097	2:1+40-10%	3193, 3195, 3197, 3199	3369, 3370, 3371	N/A	600	
Pernacron® 2.1 Clear Coat 8097 - ASAP	1.5:1+5%	3193, 3195, 3197, 3199	9055	+5% 3369, 3370, 3371	600	Only compliant if used in a 2-stage of 3-stage coating system with Pernahyd Basecoat or Pernahyd Hi-TEC Basecoat.
Pernacron® 2.1 Clear Coat 8097 Elasticized	2:1+40-10%	3193, 3195, 3197, 3199	3369, 3370, 3371	+15-30% 9050	600	9050 must be added before hardener.
Pernacron® Matte Clear Coat Additive 8091 with 8095/8097 Flat Finish	4:1 w/8095/8097	2:1 w/3195, 3197	+0-5% 3371	N/A	600	
Pernacron® Matte Clear Coat Additive 8091 with 8095/8097 Satin Finish	3:1 w/8095/8097	2:1 w/3195, 3197	+0-5% 3371	N/A	600	
Pernacron® Low VOC Clear Coat 8098	2:1+5%	3192, 3194, 3196	3392, 3394	N/A	600	
Pernacron® Low VOC Clear Coat 8098 Elasticized	2:1+10%	3192, 3194, 3196	3392, 3394	+15% 9050	600	9050 must be added before hardener.
Pernacron® Low VOC Clear Coat 8098 w/ 9055	See TDS 8098	3192, 3194, 3196	3392, 3392, 3394	N/A	600	
Pernacron® Matte Clear Coat Additive 8091 with 8098 Flat Finish	6:1 w/8098	2:1 w/3194, 3196	+20% 3392, 3394	N/A	600	
Pernacron® Matte Clear Coat Additive 8091 with 8098 Satin Finish	5:1 w/8098	2:1 w/3194, 3196	+20% 3392, 3394	N/A	600	
Pernacron® HS Diamond Clear Coat 8450	3:1+0-5%	3240	8580, 3363, 3365	N/A	600	Only compliant if used in a 2-stage coating system with 293/295 basecoat or with a 2 or 3-stage coating system and Pernahyd Basecoat or Pernahyd Hi-TEC Basecoat.
Pernacron® HS Diamond Clear Coat 8450 - ASAP	2:1	3193, 3195, 3197, 3199	N/A	N/A	600	Only compliant if used in a 2-stage coating system with 293/295 basecoat or with a 2 or 3-stage coating system and Pernahyd Basecoat or Pernahyd Hi-TEC Basecoat.
Pernacron® HS Diamond Clear Coat 8450 - ASAP	2:1+0-5%	3240	8580, 3363, 3365	+10% 9050	600	9050 must be added before hardener.
Pernacron® HS Optimum Clear Coat 8600	3:1+0-5%	3220, 3230, 3240, 3245	8580, 3363, 3365, 9025	N/A	600	Only compliant if used in a 2-stage coating system with 293/295 basecoat or with a 2 or 3-stage coating system and Pernahyd Basecoat or Pernahyd Hi-TEC Basecoat.
Pernacron® HS Optimum Clear Coat 8600 Elasticized	3:1	3220, 3230, 3240, 3245	8580, 3363, 3365, 9025	+15-30% 9050	600	9050 must be added before hardener.

Specialty Coatings VOC Limit = 7.0 lbs/gal (840 g/L)

Elastomeric Coatings						
Pernacron® 1:1 Elastic Primer Surfacer 3300	1:1	3301	N/A	N/A	840	
330™ Axalta Plastic Primer Surfacer Gray	1:1	331	N/A	N/A	840	
320™ Axalta Plastic Primer Surfacer Black	1:1	331	N/A	N/A	840	
Priomat® Elastic Primer 3304	Ready to Use	N/A	N/A	N/A	840	
Priomat® Elastic Primer 3304 (Aerocol)	Ready to Use	N/A	N/A	N/A	840	
Priomat® Elastic Primer 4190	Ready to Use	N/A	N/A	N/A	840	
300™ Axalta Plastic Polyolefin Adhesion Promoter	Ready to Use	N/A	N/A	N/A	840	
305™ Axalta Plastic Polyolefin Adhesion Promoter Low VOC	Ready to Use	N/A	N/A	N/A	N/A	
310A™ Axalta Plastic Polyolefin Adhesion Promoter Aerocol	Ready to Use	N/A	N/A	N/A	N/A	
Pernacron® Semi-gloss Elastic Clear Coat 8070	3:1+5-10%	3193, 3195, 3197, 3199	8580, 3363, 3365	N/A	840	
Uniform Finish Coatings						
Pernacron® Speed Blender 1036	4:1 w/Pernacron® or Pernacron® Clear Coats (RTS)				840	
Pernacron® Speed Blender 1036 w/8098	See 1036 TDS for compliant mixing recommendations				840	
Pernacron® Speed Blender 1036 w/8095 or 8097	See 1036 TDS for compliant mixing recommendations				840	
Pernacron® Speed Blender 1036 w/8098	See 1036 TDS for compliant mixing recommendations				840	
Pernahyd® Blend-in Additive 9005	1:1 w/Pernahyd® Base Coat Series 290/295 (RTS)				840	
Pernahyd® Blend-in Additive 9017	1:2 w/Pernahyd® Base Coat Series 290/295 (RTS)				840	
Pernahyd® Blend-in Additive 9017	+50%	N/A	9016	N/A	840	
Pernahyd® Hi-TEC Blend-in Additive 1050 or 1051	+10%	N/A	6050, 6052	N/A	840	
Pernahyd® Hi-TEC Blend-in Additive 1050	+5%	N/A	1053	N/A	840	
Other Products						
Other components that may be used (list is not all-inclusive). Consult technical data sheet for usage and compliance.						
Pernacron® Additive Maroon 9056			See 998.0 TDS for compliant mixing recommendations		600	
Pernacron® Additive Magenta 9057			See 998.0 TDS for compliant mixing recommendations		600	
Pernacron® Additive Violet 9058			See 998.0 TDS for compliant mixing recommendations		600	
Pernacron® Additive Deep Red 9049			See 998.0 TDS for compliant mixing recommendations		600	
Pernacron® Additive Blue 9045			See 998.0 TDS for compliant mixing recommendations		600	
Rader® Spray Polyester 3508	+5%	9520	+5% 7690 or +2.5% 9010	N/A	N/A	
766A™ Axalta 1K Trim Black Satin	Ready to Use	N/A	N/A	N/A	N/A	Aerosol
766A™ E-Coat Restore Aerocol	Ready to Use	N/A	N/A	N/A	N/A	See TDS for compliance and usage instructions.
715™ Axalta Sanding Paste	Ready to Use	N/A	N/A	N/A	N/A	
Pernahyd® Sanding Paste 1120	Ready to Use	N/A	N/A	N/A	N/A	

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