

Spies Hecker® VOC Compliance Chart



Butte County AQMD Rule 235 Group 1- Effective 07/01/1999
 Colusa County APCD Rule 2.42 Group 1- Effective 07/01/2000
 Shasta County AQMD Rule 3:25 Group 1- Effective 07/01/1998
 Tehama County APCD Rule 4:35 Group 1- Effective 07/01/1999

Description		Compliant Rule(s)			Applied VOC g/L	Remarks	
Surface Preparation VOC Limit = 1.67 lbs/gal (200 g/L)							
107™ Axalta Low VOC Gun & Equipment Cleaner					25		
210™ Axalta Silicone Remover Water					164		
220™ Axalta Silicone Remover Low VOC					20		
Permaseal® Silicone Remover 7087 (Aerosol)					N/A	Aerosol	
205™ Axalta Silicone Remover (Aerosol)					N/A	Aerosol	
130™ Axalta Cleaner					0		
Permaseal® Silicone Remover 7085 (in a spray bottle)		Butte, Colusa, Shasta, Tehama			188		
Permaseal® Silicone Remover 7086 (in a spray bottle)					185		
Permaseal® Silicone Remover 7086 (in a spray bottle)					25		
Permaseal® Silicone Remover 7086 (in a spray bottle)					25		
Surface Preparation (Plastic) VOC Limit = 6.5 lbs/gal (780 g/L) If applied from hand-held spray containers; bug and rod tar only.							
Permaseal® Plastic Cleaning Paste 7081					13		
285™ Axalta Plastic Cleaning Paste					13	Must be applied with a spray bottle for compliance	
Permaseal® Silicone Remover 7010 Slow (in a spray bottle)		Butte, Colusa, Shasta, Tehama			790	Must be applied with a spray bottle for compliance	
Permaseal® Silicone Remover 7010 Slow (in a spray bottle)					778	Must be applied with a spray bottle for compliance	
200™ Axalta Silicone Remover Slow					347	Must be applied with a spray bottle for compliance	
225™ Axalta Bug & Tar Remover					347	Must be applied with a spray bottle for compliance	
138™ Axalta Bug & Tar Remover					347	Must be applied with a spray bottle for compliance	
Description		Mix Ratio	Hardener	Reducer/ Additive	Addt Product	Max Applied VOC (LE) g/L	Remarks
Pretreatment VOC Limit = 6.5 lbs/gal (780 g/L)							
Priomast® Primer 3255 (Aerosol)		Aerosol	N/A	N/A	N/A	N/A	
Priomast® Primer 3255		+50%	N/A	8580, 3363, 3365	N/A	780	
Priomast® 5.5 Wash Primer 4055		2:1	4056	N/A	N/A	780	
425™ Axalta Etch Primer Low VOC		2:1	426	N/A	N/A	780	
Priomast® Wash Primer 4075		1:1	4076	N/A	N/A	780	
420™ Axalta Etch Primer		1:1	421	N/A	N/A	780	
Priomast® 1K Primer Surface 4085		+50%	N/A	8580, 3363, 3365	N/A	780	
Priomast® 1K Primer Surface 4085 (Aerosol)		Ready to Use	N/A	N/A	N/A	N/A	
410A™ Axalta 1K Primer Surface Light Gray		Aerosol	N/A	N/A	N/A	N/A	
400A™ Axalta 1K Primer Surface Dark Gray		Aerosol	N/A	N/A	N/A	N/A	
Axalta® Pretreatment Wipes PS4000™		Ready to Use	N/A	N/A	N/A	780	
455™ Axalta Metal Pretreatment Wipes		Ready to Use	N/A	N/A	N/A	780	
Primers/Primer Surfaces VOC Limit = 2.8 lbs/gal (340 g/L)							
Permaseal® 1K Productive Primer Surface 4100		+5-10%	N/A	8000	N/A	340	
Permaseal® EP Primer Surface 4502		2:1+0-10%	4503	3394	N/A	340	
450A™ Axalta Epoxy 2K		Ready to Use	Included	N/A	N/A	N/A	
Permaseal® VHS Surface 5150		1:5:1+0-5%	3192, 3194, 3196	3392, 3394	N/A	340	
Permaseal® VHS Surface 5150		2:1+0-20%	3170	3396, 3370, 3371	N/A	340	
Permaseal® 2.1 Surface 5155		4:1+20-30%	3193, 3195, 3197, 3199	3369, 3370, 3371	N/A	340	
Permaseal® 2.1 Surface 5155 Elasticized		2:1+0-30%	3193, 3195, 3197, 3199	3369, 3370, 3371	+30% 9050	340	9050 must be added before hardener
Permaseal® 2.1 Surface 5157		5:1+0-20%	3192, 3194, 3196	3392, 3392, 3394, 5409, 5410	N/A	340	
Permaseal® 2.1 Surface 5157 Elasticized		4:1+0-20%	3192, 3194, 3196	3392, 3392, 3394, 5409, 5410	+15% 9050	340	9050 must be added before hardener
Permaseal® 1K UV Startlight Primer Surface 9002 (Aerosol)		Ready to Use	N/A	N/A	N/A	N/A	Aerosol
Permaseal® 1K UV Startlight Primer Surface 9002		Ready to Use	N/A	N/A	N/A	340	Non-aerosol version
Primer-Sealers VOC Limit = 3.5 lbs/gal (420 g/L)							
Permaseal® 2.1 Surface 5155		2:1+30%	3193, 3195, 3197, 3199	9070	+10-20% 3369, 3370, 3371	420	
Permaseal® 2.1 Surface 5155 Elasticized		2:1+30%	3193, 3195, 3197, 3199	9070	+10-20% 3369, 3370, 3371 +15-30% 9050	420	
Permaseal® Spectro Surface 5400		2:1+0-30%	3193, 3195, 3197, 3199	9070	N/A	420	
Permaseal® Spectro Surface 5400 Elasticized		2:1+0-30%	3193, 3195, 3197, 3199	9070	+30% 9050	420	9050 must be added before hardener
Permaseal® Spectro Sealer 5450		4:1+30%	3192, 3194, 3196	5409, 5410	N/A	420	
Permaseal® Spectro Sealer 5450 Elasticized		3:1+30%	3192, 3194, 3196	5409, 5410	+15-30% 9050	420	9050 must be added before hardener
Permaseal® 2K Sealer 5950		1:5%	5960	N/A	N/A	420	
Single Stage Topcoat VOC Limit = 5.0 lbs/gal (600 g/L) Additional additives may be used. Consult technical data sheet for usage and compliance.							
Permaseal® Acrylic Urethane Series 257		3:1+5-10%	3307, 3309, 3310, 3315, 3320, 3325	8580, 3363, 3365	N/A	5.0	
Permaseal® Automotive Top Coat FP 1005 Warm Gray VV604N		3:1	3307, 3309, 3310, 3315, 3320, 3325		+0-5% 8092, 8096	5.0	
Permaseal® Automotive Topcoat Series 257 FP-1004 Rally Matt Black		4:1+25%	3220, 3230, 3240, 3245	8580, 3363, 3365	+15% 9050	5.0	
Permaseal® Automotive Topcoat 257 Series FP-1002 Blue Black		4:1+25%	3220, 3230, 3240, 3245	8580, 3363, 3365	+15% 9050	5.0	
Permaseal® 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	
Multistage Topcoat VOC Limit = 5.0 lbs/gal (600 g/L) applied as a 2-stage or 3-stage system							
Basecoats: Must be used with specific clearcoats for compliance, check TDS for usage							
Permaseal® Hi-TEC Base Coat		+10-30%	N/A	6050, 6051, 6052, 6053	N/A	600	
Permaseal® Hi-TEC Base Coat w/ Hardeners		+5-10% +10-30%	3080	6050, 6051, 6052, 6053	N/A	600	
Permaseal® Base Coat Series 280285		+0-10%	N/A	6000	N/A	600	
Permaseal® Base Coat Series 280285		+0-10%	N/A	6002	N/A	600	
Permaseal® Base Coat Series 280285		+5-10%	9007	+10-20% 6000 or 0-10% 6002	N/A	600	
Permaseal® Base Coat Series 293295		+40-50%	N/A	3054, 3055, 3056	N/A	600	
Permaseal® Base Coat Series 293295 - GMW 15408		+10% +40-50%	3220, 3230, 3240, 3245	3054, 3055, 3056	N/A	600	
Permaseal® Base Coat Series 293295 - GMW 15408		+10% +40-50%	3192, 3194, 3196	3054, 3055, 3056	N/A	600	
Permaseal® FP2003		+10% +40-50%	3193, 3195, 3197, 3199	3055, 3054, 3056	N/A	600	
Permaseal® 2K Diamond Midcoat, MC 0001		2:1+10-15%	3192, 3194, 3196	3392, 3394	+15% 9050	600	
Permaseal® 2K Transparent Red Midcoat, MC 0002		2:1+10-15%	3192, 3194, 3196	3392, 3394	+15% 9050	600	
Permaseal® 2K Transparent Blue Midcoat, MC 0003		2:1+10-15%	3192, 3194, 3196	3392, 3394	+15% 9050	600	
Permaseal® Transparent Midcoat 9100		1:1+3%	3194, 3196	3394	9045, 9049, 9056, 9057, 9058	600	
Clearcoats: Must be used as a system with basecoats at under 5.0 lbs/gal (600 g/L) for compliance, check TDS for usage							
Spies Hecker® HS Speed Clear Coat 8820		2:1	3251, 3254, 3250, 3252, 3257	N/A	N/A	600	Compliant when used with both 2 & 3-stage coating systems.
Permaseal® HS Clear Coat 8035		2:1+5%	3193, 3195, 3197, 3199	3396, 3370, 3371, 9025	N/A	600	Not compliant if used in a 3-stage coating system with 293295 basecoat.
Permaseal® HS Clear Coat 8035 Elasticized		2:1+5%	3193, 3195, 3197, 3199	3396, 3370, 3371, 9025	+15-30% 9050	600	9050 must be added before hardener. Not compliant if used in a 3-stage coating system with 293295 basecoat.
Permaseal® Air Dry Clear Coat 8094		4:1+20%	3192, 3194, 3196	3392, 3394	N/A	600	
Permaseal® Air Dry Clear Coat 8094 Elasticized		4:1+20%	3192, 3194, 3196	3392, 3394	+10% 9050	600	9050 must be added before hardener
Permaseal® Low VOC Clear Coat 8096		2:1+10-15%	3192, 3194, 3196	3392, 3394	N/A	600	
Permaseal® Low VOC Clear Coat 8096 Elasticized		2:1+10-15%	3192, 3194, 3196	3392, 3394	+15% 9050	600	9050 must be added before hardener
Permaseal® Low VOC Clear Coat 8098		2:1+5%	3192, 3194, 3196	3392, 3394	N/A	600	
Permaseal® Low VOC Clear Coat 8098 w/ 9050		See TDS 8098	3192, 3194, 3196	3392, 3392, 3394	N/A	600	
Permaseal® Low VOC Clear Coat 8098 Elasticized		2:1+10%	3192, 3194, 3196	3392, 3394	+15% 9050	600	9050 must be added before hardener
Permaseal® 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 293295 basecoat or with a 2 or 3-stage coating system and Permaseal® Basecoat or Permaseal® Hi-TEC Basecoat.
Permaseal® HS Diamond Clear Coat 8450		2:1	3193, 3195, 3197, 3199	N/A	N/A	600	Only compliant if used in a 2-stage coating system with 293295 basecoat or with a 2 or 3-stage coating system and Permaseal® Basecoat or Permaseal® Hi-TEC Basecoat.
Permaseal® HS Diamond Clear Coat 8450 - ASAP		2:1+0-5%	3240	8580, 3363, 3365	+10% 9050	600	9050 must be added before hardener.
Permaseal® HS Optimum Clear Coat 8600		3:1	3251, 3254, 3250, 3252, 3257	N/A	N/A	600	Only compliant if used in a 2-stage coating system with 293295 basecoat or with a 2 or 3-stage coating system and Permaseal® Hi-TEC Basecoat.
Permaseal® HS Optimum Clear Coat 8600 Elasticized		3:1+0-5%	3251, 3254, 3250, 3252, 3257	8580, 3363, 3365, 9025	+15-30% 9050	600	Compliant when used with both 2 & 3-stage coating systems. 9050 must be added before hardener.
Permaseal® 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 293295 basecoat or with a 2 or 3-stage coating system and Permaseal® Hi-TEC Basecoat.
Permaseal® HS Optimum Clear Coat 8600 Elasticized		3:1+0-5%	3220, 3230, 3240, 3245	8580, 3363, 3365, 9025	+15-30% 9050	600	Compliant when used with both 2 & 3-stage coating systems. 9050 must be added before hardener.
Permaseal® Low VOC Clear Coat 8098 w/ 8092 Matte Clear Coat Additive		See TDS 8092	3192, 3194, 3196	3392, 3394	N/A	600	Refer to TDS for mixing instructions over both metal and plastic.
Permaseal® Matte Clear Coat Additive 8092 with 8035			See TDS 8092 for Mixing Recommendations			600	Refer to TDS for mixing instructions over both metal and plastic.
Specialty Coatings VOC Limit = 7.0 lbs/gal (840 g/L) - Can't exceed 5% paint volume on a monthly basis.							
Elastomeric Coatings							
Permaseal® 1:1 Elastic Primer Surface 3300		1:1	3301	N/A	N/A	840	
330™ Axalta Elastic Primer Surface Gray		1:1	331	N/A	N/A	840	
320™ Axalta Elastic Primer Surface Black		1:1	331	N/A	N/A	840	
Priomast® Elastic Primer 3304		Ready to Use	N/A	N/A	N/A	840	
Priomast® Elastic Primer 3304 (Aerosol)		Ready to Use	N/A	N/A	N/A	N/A	
Priomast® 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 Aerosol		Ready to Use	N/A	N/A	N/A	N/A	
Permaseal® Matt System Clear Coat 8185 / Permaseal® Semi-Gloss System Clear Coat 8170		See Matt Clear System TDS	3225, 3240	3365	N/A	840	
Permaseal® Mating Component MA110 / Permaseal® Semi-Gloss System Clear Coat 8170		See Matt Clear System TDS	3225, 3240	3365	N/A	840	
Permaseal® Semi-gloss Elastic Clear Coat 8070		3:1+5-10%	3193, 3195, 3197, 3199	8580, 3363, 3365	N/A	840	
Uniform Finish Coatings							
Permaseal® Speed Blender 1036		9:1 w/ Spies Hecker® HS Speed Clear Coat 8820 (RTS)				840	
Permaseal® Speed Blender 1036		4:1 w/Permaseal® or Permaseal® Clear Coats (RTS)				840	
Permaseal® Speed Blender 1036 w/9096		See 1036 TDS for compliant mixing recommendations				840	
Permaseal® Speed Blender 1036 w/9095 or 8097		See 1036 TDS for compliant mixing recommendations				840	
Permaseal® Speed Blender 1036 w/9098		See 1036 TDS for compliant mixing recommendations				840	
Permaseal® Blend-in Additive 9005		1:1 w/Permaseal® Base Coat Series 280285 (RTS)				840	
Permaseal® Blend-in Additive 8017		1:2 w/Permaseal® Base Coat Series 280285 (RTS)				840	
Permaseal® Blend-in Additive 8017		+50%	N/A	9018	N/A	840	
Permaseal® Hi-TEC Blend-in Additive 1050 or 1051		+10%	N/A	6050, 6052	N/A	840	
Permaseal® 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.							
Permaseal® Additive Maroon 9056			See 988.0 TDS for compliant mixing recommendations			600	
Permaseal® Additive Magenta 9057			See 988.0 TDS for compliant mixing recommendations			600	
Permaseal® Additive Violet 9058			See 988.0 TDS for compliant mixing recommendations			600	
Permaseal® Additive Deep Red 9049			See 988.0 TDS for compliant mixing recommendations			600	
Permaseal® Additive Blue 9045			See 988.0 TDS for compliant mixing recommendations			600	
Rustler® Spray Polyurethane 3058		+5%		+15% 7880 or +2.5% 9010	N/A		
766A™ Axalta 1K Trim Black Satin		Ready to Use	N/A	N/A	N/A	N/A	Aerosol
715™ Axalta Sanding Paste		Ready to Use	N/A	N/A	N/A	N/A	
Permaseal® Sanding Paste 1120		Ready to Use	N/A	N/A	N/A	N/A	
Axalta E-Coat Restore Aerosols		Ready to Use	N/A	N/A	N/A	N/A	See TDS for compliance and usage instructions.

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*** Group 1 Vehicles : Cars, large-heavy duty trucks, light/medium duty trucks, vans and motorcycles

For complete product usage and mixing recommendations, see the product specific technical data sheet located on www.spiesheckerUSA.com.

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