

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			
<b>Surface Preparation VOC Limit = 1.67 lbs/gal (200 g/L)</b>						
107™ Axalta Low VOC Gun & Equipment Cleaner		25				
210™ Axalta Silicone Remover/Water		16				
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)		188				
Permaseal® Silicone Remover 7086 (in a spray bottle)	Butte, Colusa, Shasta, Tehama	185				
Permaseal® Silicone Remover 7088 (in a spray bottle)		15				
<b>Surface Preparation (Plastic) VOC Limit = 4.5 lbs/gal (780 g/L) If applied from hand-held spray containers; bug and rod tar only.</b>						
Permaseal® Plastic Cleaning Paste 7081		13				
285™ Axalta Plastic Cleaning Paste		15	Must be applied with a spray bottle for compliance.			
Permaseal® Silicone Remover 7090 Slow (in a spray bottle)	Butte, Colusa, Shasta, Tehama	790	Must be applied with a spray bottle for compliance.			
400™ Axalta Silicone Remover Slow		778	Must be applied with a spray bottle for compliance.			
220™ 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
<b>Pretreatment VOC Limit = 6.5 lbs/gal (780 g/L)</b>						
Priomat® Primer 3235 (Aerosol)	Aerosol	N/A	N/A	N/A	N/A	
Priomat® Primer 4055	+50%	N/A	8580, 3363, 3365	N/A	780	
Priomat® 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	
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 (Aerosol)	Ready to Use	N/A	N/A	N/A	N/A	
410A™ Axalta 1K Primer Surfacer Light Gray	Aerosol	N/A	N/A	N/A	N/A	
400A™ Axalta 1K Primer Surfacer Dark Gray	Aerosol	N/A	N/A	N/A	N/A	
Acacia™ Pretreatment Wipes PS4000™	Ready to Use	N/A	N/A	N/A	780	
685™ Axalta Metal Pretreatment Wipes	Ready to Use	N/A	N/A	N/A	780	
<b>Primers/Primer Surfacer VOC Limit = 2.8 lbs/gal (340 g/L)</b>						
Permaseal® 1K Productive Primer Surfacer 4100	+5-10%	N/A	6000	N/A	340	
Permaseal® EP Primer Surfacer 4502	2:1+10-15%	4503	3394	N/A	340	
400A™ Axalta Epoxy 2K	Ready to Use	Included	N/A	N/A	N/A	
Permaseal® VHS Surfacer 5150	1.5:1+0-5%	3192, 3194, 3196	3392, 3394	N/A	340	
Permaseal® VHS Surfacer 5150	2:1+10-20%	3170	3396, 3370, 3371	N/A	340	
Permaseal® 2.1 Surfacer 5155	2:1+20-30%	3193, 3195, 3197, 3199	3399, 3370, 3371	N/A	340	
Permaseal® 2.1 Surfacer 5155 Elasticoized	2:1+20-30%	3193, 3195, 3197, 3199	3399, 3370, 3371	+30% 9050	340	9050 must be added before hardener.
Permaseal® 2.1 Surfacer 5157	5:1+10-20%	3192, 3194, 3196	3392, 3394, 5409, 5410	N/A	340	
Permaseal® 2.1 Surfacer 5157 Elasticoized	4:1+10-20%	3192, 3194, 3196	3392, 3394, 5409, 5410	+15% 9050	340	9050 must be added before hardener.
Permaseal® 1K UV Startlight Primer Surfacer 9002 (Aerosol)	Ready to Use	N/A	N/A	N/A	N/A	
Permaseal® 1K UV Startlight Primer Surfacer 9002	Ready to Use	N/A	N/A	N/A	340	Non-aerosol version
<b>Primer-Sealers VOC Limit = 3.5 lbs/gal (420 g/L)</b>						
Permaseal® 2.1 Surfacer 5155	2:1+30%	3193, 3195, 3197, 3199	9070	+10-20% 3369, 3370, 3371	420	
Permaseal® 2.1 Surfacer 5155 Elasticoized	2:1+30%	3193, 3195, 3197, 3199	9070	+10-20% 3369, 3370, 3371 +15-30% 9050	420	
Permaseal® Spectro Surfacer 5400	2:1+20-30%	3193, 3195, 3197, 3199	9070	N/A	420	
Permaseal® Spectro Surfacer 5400 Elasticoized	2:1+20-30%	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 Elasticoized	2:1+20%	3192, 3194, 3196	5409, 5410	+15-30% 9050	420	9050 must be added before hardener.
Permaseal® 2K Sealer 5650	1:5%	3390	N/A	N/A	420	
<b>Single Stage Topcoat VOC Limit 1.0 lbs/gal (600 g/L) Additional additives may be used. Consult technical data sheet for usage and compliance.</b>						
Permaseal® Acrylic Urethane Series 257	3:1+5-10%	3307, 3309, 3310, 3315, 3320, 3325	8580, 3363, 3365	N/A	600	
Permaseal® Automotive Top Coat FP 1005 Warm Gray VV804N	3:1	3307, 3309, 3310, 3315, 3320, 3325	8580, 3363, 3365	+0-5% 8092, 8096	600	
Permaseal® Automotive Topcoat Series 257 FP-1004 Rally Mat Black	4:1+25%	3220, 3230, 3240, 3245	8580, 3363, 3365	+15% 9050	600	
Permaseal® Automotive Topcoat Series 257 FP-1002 Blue Black	4:1+25%	3220, 3230, 3240, 3245	8580, 3363, 3365	+15% 9050	600	
Permaseal® Automotive Top Coat FP 1005 Warm Gray VV804N	4:1+10%	3220, 3230, 3240, 3245	8580, 3363, 3365, 3394, 5409, 5410	+0-5% 8092, 8096	600	
<b>Multistage Topcoat VOC Limit = 5.0 lbs/gal (600 g/L) applied as a 2-stage or 3-stage system</b>						
<b>Basecoats: Must be used with specific clearcoats for compliance, check TDS for usage</b>						
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%	N/A	6050, 6051, 6052, 6053	N/A	600	
Permaseal® Base Coat Series 2802/85	+0-15%	N/A	6000	N/A	600	
Permaseal® Base Coat Series 2802/85	+0-10%	N/A	6002	N/A	600	
Permaseal® Base Coat Series 2802/85	+5-10%	9007	+10-20% 6000 or 0-10% 6002	N/A	600	
Permaseal® Base Coat Series 2932/95	+40-50%	N/A	3054, 3055, 3056	N/A	600	
Permaseal® Base Coat Series 2932/95 - GMW 15406	+10% +40-50%	3220, 3230, 3240, 3245	3054, 3055, 3056	N/A	600	
Permaseal® Base Coat Series 2932/95 - GMW 15406	+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 5100	1:1+15%	3194, 3196	3394	9045, 9046, 9056, 9057, 9058	600	
<b>Clearcoats: Must be used as a system with basecoats and/or under 5.0 lbs/gal (600 g/L) for compliance, check TDS for usage</b>						
Permaseal® 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 2932/95 basecoat.
Permaseal® HS Clear Coat 8035 Elasticoized	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 2932/95 basecoat.
Permaseal® Air Dry Clear Coat 8094	4:1+20%	3192, 3194, 3196	3392, 3394	N/A	600	
Permaseal® Air Dry Clear Coat 8094 Elasticoized	4:1+20%	3192, 3194, 3196	3392, 3394	+10% 9050	600	9050 must be added before hardener.
Permaseal® 2.1 Clear Coat 8095	2:1+5-10%	3193, 3195, 3197, 3199	3369, 3370, 3371	N/A	600	
Permaseal® 2.1 Clear Coat 8095 Elasticoized	2:1+5-10%	3193, 3195, 3197, 3199	3369, 3370, 3371	+15-30% 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 Elasticoized	2:1+10-15%	3192, 3194, 3196	3392, 3394	+15% 9050	600	9050 must be added before hardener.
Permaseal® Matte Clear Coat Additive 8091 with 8098 Flat Finish	3:1 w/8098	2:1 w/3194, 3196	+10-15% 3392, 3394	N/A	600	
Permaseal® Matte Clear Coat Additive 8091 with 8098 Satin Finish	2.5:1 w/8098	2:1 w/3194, 3196	+10-15% 3392, 3394	N/A	600	
Permaseal® 2.1 Clear Coat 8097	2:1+40-10%	3193, 3195, 3197, 3199	3369, 3370, 3371	N/A	600	
Permaseal® 2.1 Clear Coat 8097 - ASAP	1:5:1+5%	3193, 3195, 3197, 3199	8055	+5% 3369, 3370, 3371	600	
Permaseal® 2.1 Clear Coat 8097 Elasticoized	2:1+40-10%	3193, 3195, 3197, 3199	3369, 3370, 3371	+15-30% 9050	600	9050 must be added before hardener.
Permaseal® 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	
Permaseal® 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	
Permaseal® Low VOC Clear Coat 8098	2:1+5%	3192, 3194, 3196	3392, 3394	N/A	600	
Permaseal® Low VOC Clear Coat 8098 w/ 8055	See TDS 8098	3192, 3194, 3196	3392, 3392, 3394	N/A	600	
Permaseal® Low VOC Clear Coat 8098 Elasticoized	2:1+10%	3192, 3194, 3196	3392, 3394	+15% 9050	600	9050 must be added before hardener.
Permaseal® Matte Clear Coat Additive 8091 with 8098 Flat Finish	6:1 w/8098	2:1 w/3194, 3196	+20% 3392, 3394	N/A	600	
Permaseal® Matte Clear Coat Additive 8091 with 8098 Satin Finish	5:1 w/8098	2:1 w/3194, 3196	+20% 3392, 3394	N/A	600	
Permaseal® HS Diamond Clear Coat 8450	3:1+0-5%	3240	8580, 3363, 3365	N/A	600	
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 2932/95 basecoat or Permahyd Basecoat or Permahyd Hi-TEC Basecoat.
Permaseal® HS Diamond Clear Coat 8450 - ASAP	2:1+0-5%	3240	8580, 3363, 3365	+10% 9050	600	Only compliant if used in a 2-stage coating system with 2932/95 basecoat or with a 2 or 3-stage coating system and Permahyd Basecoat or Permahyd Hi-TEC Basecoat.
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 2932/95 basecoat or with a 2 or 3-stage coating system and Permahyd Basecoat or Permahyd Hi-TEC Basecoat.
Permaseal® HS Optimum Clear Coat 8600 Elasticoized	3:1	3220, 3230, 3240, 3245	8580, 3363, 3365, 9025	+15-30% 9050	600	9050 must be added before hardener. Only compliant if used in a 2-stage coating system with 2932/95 basecoat or with a 2 or 3-stage coating system and Permahyd Basecoat or Permahyd Hi-TEC Basecoat.
<b>Specialty Coatings VOC Limit = 7.0 lbs/gal (840 g/L) - Can't exceed 5% paint volume on a monthly basis.</b>						
<b>Elastomeric Coatings</b>						
Permaseal® 1.1 Elastic Primer Surfacer 3300	1:1	3301	N/A	N/A	840	
320™ Axalta Plastic Primer Surfacer Clear	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 (Aerosol)	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	
300™ Axalta Plastic Polyolefin Adhesion Promoter Low VOC	Ready to Use	N/A	N/A	N/A	840	
310A™ Axalta Plastic Polyolefin Adhesion Promoter Aerosol	Ready to Use	N/A	N/A	N/A	840	
Permaseal® Semi-Gloss Elastic Clear Coat 8070	3:1+5-10%	3193, 3195, 3197, 3199	8580, 3363, 3365	N/A	840	
<b>Uniform Finish Coatings</b>						
Permaseal® Speed Blender 1036	4:1 w/Permaseal® or Permaseal® Clear Coats (RTS)				840	
<b>Uniform Finish Coatings</b>						
Permaseal® Speed Blender 1036 w/8096	See 1036 TDS for compliant mixing recommendations				840	
Permaseal® Speed Blender 1036 w/8096 or 8097	See 1036 TDS for compliant mixing recommendations				840	
Permaseal® Speed Blender 1036 w/8098	See 1036 TDS for compliant mixing recommendations				840	
Permaseal® Blend-In Additive 9005	1:1 w/Permaseal® Base Coat Series 2802/85 (RTS)				840	
Permaseal® Blend-In Additive 9017	1:2 w/Permaseal® Base Coat Series 2802/85 (RTS)				840	
Permaseal® Blend-In Additive 9017	+5%	8016	N/A	N/A	840	
Permaseal® Hi-TEC Blend-In Additive 1050 or 1051	+10%	6050, 6052	N/A	N/A	840	
Permaseal® Hi-TEC Blend-In Additive 1050	+5%	1053	N/A	N/A	840	
<b>Other Products</b>						
<b>Other components that may be used (list is not all-inclusive). Consult technical data sheet for usage and compliance.</b>						
Permaseal® Additive Maroon 9056			See 998.0 TDS for compliant mixing recommendations		600	
Permaseal® Additive Magenta 9057			See 998.0 TDS for compliant mixing recommendations		600	
Permaseal® Additive Violet 9058			See 998.0 TDS for compliant mixing recommendations		600	
Permaseal® Additive Deep Red 9049			See 998.0 TDS for compliant mixing recommendations		600	
Permaseal® Additive Blue 9045			See 998.0 TDS for compliant mixing recommendations		600	
Rader® 8 Spray Polyester 3508	+5%	9520	+5% 7690 or +2.5% 9010	N/A	840	
D86A™ 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	-	
Permaseal® Sanding Paste 1120	Ready to Use	N/A	N/A	N/A	-	
Axalta E-Coat Resin/Aerosol	Ready to Use	N/A	N/A	N/A	-	See TDS for compliance and usage instructions.

Edition 1/2024  
 \*\*\* 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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