

Spies Hecker® VOC Compliance Chart

District of Columbia - Effective 05/09/2016
Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations - Title 20, Chapter 7 - Section 718



Description	Compliant Rule(s)	Applied VOC g/L	Remarks			
Surface Preparation VOC Limit = 6.2 lbs/gal (25 g/L)						
107™ Axalta Low VOC Gun & Equipment Cleaner		25				
130™ Axalta Cleaner		0				
205A™ Axalta Silicone Remover (Aerosol)	* See footnotes	N/A	Allowed if less than 160 ounces are used per day per facility			
220™ Axalta Silicone Remover Low VOC		20				
265™ Axalta Plastic Cleaning Paste		13				
Permahan® Silicone Remover 7096		25				
Permahan® Silicone Remover 7087 (Aerosol)		N/A	Allowed if less than 160 ounces are used per day per facility			
Permahan® Plastic Cleaning Paste 7081		13				
Surface Preparation (Other) VOC Limit = 6.5 lbs/gal (780 g/L) if applied from hand-held spray containers						
139™ Axalta Bug & Tar Remover (in a spray bottle)		347				
200™ Axalta Silicone Remover Slow (in a spray bottle)		778				
210™ Axalta Silicone Remover Water (in a spray bottle)		167				
225™ Axalta Bug & Tar Remover (in a spray bottle)		347				
Permahan® Silicone Remover 7010 Slow (in a spray bottle)		750				
Permahan® Silicone Remover 7088 (in a spray bottle)		188				
Permahan® Silicone Remover 7098 (in a spray bottle)		185				
			Usage of solvent for wax, grease and other contaminant removal for plastic parts prior to sanding; must be from a non-aerosol, hand-held spray bottle and is limited to 20 gallons per year, per facility in a 12 month period.			
Description	Mix Ratio	Hardener	Reducer/Additive	Addtl Product	Max Applied VOC (LE) g/L	Remarks
Pretreatment VOC Limit = 5.5 lbs/gal (660 g/L)						
Prima® 5.5 Wash Primer 4055	Aerosol	N/A	N/A	N/A	N/A	
425™ Axalta Etch Primer Low VOC	2:1	426	N/A	N/A	660	
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	
Prima® 1K Primer Surfacer 4085 (Aerosol)	Aerosol	N/A	N/A	N/A	N/A	
495™ Axalta Metal Pretreatment Wipes	Ready to Use	N/A	N/A	N/A	660	
400A® Pretreatment Wipes P54000™	Ready to Use	N/A	N/A	N/A	660	
Primer VOC Limit = 2.1 lbs/gal (250 g/L)						
Permahan® 1K Productive Primer Surfacer 4100	+5-10%	N/A	6000	N/A	250	
Permahan® VHS Surfacer 5150	1.5:1+0-5%	3192, 3194, 3196	3392, 3394	N/A	250	
Permahan® VHS Surfacer 5150	2:1+10-20%	3170	3369, 3370, 3371	N/A	250	
Permasol® 2.1 Surfacer 5155	4:1+20-30%	3193, 3195, 3197, 3199	3369, 3370, 3371	N/A	250	
Permasol® 2.1 Surfacer 5155 Elasticized	2:1+20-30%	3193, 3195, 3197, 3199	3369, 3370, 3371	+30% 9050	250	9050 must be added before hardener.
Permasol® 2.1 Surfacer 5157	2:1+10-20%	3192, 3194, 3196	3392, 3392, 3394, 5409, 5410	N/A	250	
Permasol® 2.1 Surfacer 5157 Elasticized	4:1+10-20%	3192, 3194, 3196	5409, 5410	+15% 9050	250	9050 must be added before hardener.
Permasol® 1K UV Straight Primer Surfacer 9002	Ready to Use	N/A	N/A	N/A	250	Non-aerosol version
Permasol® 1K UV Straight Primer Surfacer 9002 (Aerosol)	Ready to Use	N/A	N/A	N/A	N/A	
Primer-Sealers VOC Limit = 2.1 lbs/gal (250 g/L)						
Permasol® EP Primer Surfacer 4502	2:1+10-10%	4503	3394	N/A	250	
40A™ Axalta Epoxy 2K	Ready to Use	Included	N/A	N/A	250	
Permasol® 2.1 Surfacer 5155	2:1+30%	3193, 3195, 3197, 3199	9070	+10-20% 3369, 3370, 3371	250	
Permasol® 2.1 Surfacer 5155 Elasticized	2:1+30%	3193, 3195, 3197, 3199	9070	+10-20% 3369, 3370, 3371 +15-30% 9050	250	9050 must be added before hardener.
Permasol® Spectro Sealer 5450	4:1+30%	3192, 3194, 3196	5409, 5410	N/A	250	
Permasol® Spectro Sealer 5450 Elasticized	3:1+30%	3192, 3194, 3196	5409, 5410	+15-30% 9050	250	9050 must be added before hardener.
Permasol® 2K Sealer 5050	1:5%	3080	N/A	N/A	250	
Single Stage Coating VOC Limit = 2.8 lbs/gal (340 g/L)						
Permacron® Automotive Top Coat FP 1005 Warm Gray VV604N	3:1+5%	3192, 3194, 3196	3394, 5409, 5410	+0-5% 8092, 8096	340	
Color Coating VOC Limit = 3.5 lbs/gal (420 g/L)						
Permahan® Hi-TEC Base Coat	+10-30%	N/A	6050, 6051, 6052, 6053	N/A	420	
Permahan® Hi-TEC Base Coat w/ Hardeners	+5-10% +10-30%	3080	6050, 6051, 6052, 6053	N/A	420	
Permahan® Base Coat Series 280/285	+0-15%	N/A	9000	N/A	420	
Permahan® Base Coat Series 280/285	+0-10%	N/A	6002	N/A	420	
Permahan® Base Coat Series 280/285	+5-10%	9007	+10-20% 6000 or 0-10% 6002	N/A	420	
Permasol® 2K Diamond Midcoat, MC 0001	2:1+10-15%	3192, 3194, 3196	3392, 3394	+15% 9050	420	
Permasol® 2K Transparent Red Midcoat, MC 0002	2:1+10-15%	3192, 3194, 3196	3392, 3394	+15% 9050	420	
Permasol® 2K Transparent Blue Midcoat, MC 0003	2:1+10-15%	3192, 3194, 3196	3392, 3394	+15% 9050	420	
Permasol® Transparent Midcoat 9100	1:1+3%	3394	9045, 9049, 9056, 9057, 9058	N/A	420	
Clear Coating VOC Limit = 2.1 lbs/gal (250 g/L)						
Permasol® Air Dry Clear Coat 8094	4:1 +20%	3192, 3194, 3196	3392, 3394	N/A	250	
Permasol® Air Dry Clear Coat 8094 Elasticized	4:1 +20%	3192, 3194, 3196	3392, 3394	+10% 9050	250	9050 must be added before hardener.
Permasol® 2.1 Clear Coat 8095	2:1+5-10%	3193, 3195, 3197, 3199	3369, 3370, 3371	N/A	250	
Permasol® 2.1 Clear Coat 8095 Elasticized	2:1+5-10%	3193, 3195, 3197, 3199	3369, 3370, 3371	+15-30% 9050	250	9050 must be added before hardener.
Permasol® Low VOC Clear Coat 8096	2:1+10-15%	3192, 3194, 3196	3392, 3394	N/A	250	
Permasol® Low VOC Clear Coat 8096 Elasticized	2:1+10-15%	3192, 3194, 3196	3392, 3394	+15% 9050	250	9050 must be added before hardener.
Permacron® Matte Clear Coat Additive 8091 with 8096 Flat Finish	2:1 w/8096	2:1 w/3194, 3196	+10-15% 3392, 3394	N/A	250	
Permacron® Matte Clear Coat Additive 8091 with 8096 Satin Finish	2:1 w/8096	2:1 w/3194, 3196	+10-15% 3392, 3394	N/A	250	
Permacron® 2.1 Clear Coat 8097	2:1+10-10%	3193, 3195, 3197, 3199	3369, 3370, 3371	N/A	250	
Permacron® 2.1 Clear Coat 8097 - ASAP	1.5:1+5%	3193, 3195, 3197, 3199	9005	+5% 3369, 3370, 3371	250	
Permacron® 2.1 Clear Coat 8097 Elasticized	2:1+10-10%	3193, 3195, 3197, 3199	3369, 3370, 3371	+15-30% 9050	250	9050 must be added before hardener.
Permacron® Matte Clear Coat Additive 8091 with 8095/8097 Flat Finish	4:1 w/8095/8097	2:1 w/3195, 3197	N/A	N/A	250	
Permacron® 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	250	
Permasol® Low VOC Clear Coat 8098 w/ 8092 Matte Clear Coat Additive	See TDS 8092	3192, 3194, 3196	3392, 3394	N/A	250	
Permasol® Low VOC Clear Coat 8098	2:1+5%	3192, 3194, 3196	3392, 3394	N/A	250	
Permasol® Low VOC Clear Coat 8098 w/ 9050	See TDS 8098	3192, 3194, 3196	3392, 3392, 3394	N/A	250	
Permasol® Low VOC Clear Coat 8098 Elasticized	2:1+10%	3192, 3194, 3196	3392, 3394	+15% 9050	250	9050 must be added before hardener.
Permacron® Matte Clear Coat Additive 8091 with 8098 Flat Finish	6:1 w/8098	2:1 w/3194, 3196	+20% 3392, 3394	N/A	250	
Permacron® Matte Clear Coat Additive 8091 with 8098 Satin Finish	5:1 w/8098	2:1 w/3194, 3196	+20% 3392, 3394	N/A	250	
Uniform Finish Coating VOC Limit = Not regulated if used for spot repair						
Permacron® Speed Blender 1036	4:1 w/Permacron® or Permasol® Clear Coats (RTS)			N/A	N/A	
Permacron® Speed Blender 1036 w/8096	See 1036 TDS for compliant mixing recommendations			N/A	N/A	
Permacron® Speed Blender 1036 w/8095 or 8097	See 1036 TDS for compliant mixing recommendations			N/A	N/A	
Permacron® Speed Blender 1036 w/8098	See 1036 TDS for compliant mixing recommendations			N/A	N/A	
Permahan® Blend-in Additive 9005	1:1 w/Permacron® Base Coat Series 280/285 (RTS)			N/A	N/A	
Permahan® Blend-in Additive 9017	1:2 w/Permacron® Base Coat Series 280/285 (RTS)			N/A	N/A	
Permahan® Blend-in Additive 9017	+50%	N/A	9016	N/A	N/A	
Permahan® Hi-TEC Blend-in Additive 1050 or 1051	+10%	N/A	9050, 8052	N/A	N/A	
Permahan® Hi-TEC Blend-in Additive 1050	+5%	N/A	1053	N/A	N/A	
190™ Axalta Blender (Aerosol)	Ready to Use	N/A	N/A	N/A	N/A	
Adhesion Promoter VOC Limit = 4.5 lbs/gal (540 g/L)						
Prima® Elastic Primer 3304 (Aerosol)	Aerosol	N/A	N/A	N/A	N/A	
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	
Prima® Elastic Primer 4190	Ready to Use	N/A	N/A	N/A	540	
Prima® Elastic Adhesion Promoter 3302	4:1+15%+15%	3192, 3194, 3196	5409, 5410	3303	540	
Any Other Coating Type VOC Limit = 2.1 lbs/gal (250 g/L)						
Raderal® Spray Polyester 3508	+5%	9520	+5% 7690 or +2.5% 9010	N/A	250	
Other Products/ Additives						
Other components that may be used (list is not all-inclusive). Consult technical data sheet for usage and compliance.						
Permasol® Clear Coat Color Additive 9056			See 998.0 TDS for compliant mixing recommendations		420	
Permasol® Clear Coat Color Additive 9057			See 998.0 TDS for compliant mixing recommendations		420	
Permasol® Additive Violet 9058			See 998.0 TDS for compliant mixing recommendations		420	
Permasol® Clear Coat Color Additive 9049			See 998.0 TDS for compliant mixing recommendations		420	
Permasol® Clear Coat Color Additive 9045			See 998.0 TDS for compliant mixing recommendations		420	
715™ Axalta Sanding Paste	Ready to Use	N/A	N/A	N/A	-	
766A™ Axalta 1K Trim Black Satin	Ready to Use	N/A	N/A	N/A	N/A	Aerosol
Axalta E-Coat Resin Aerosols	Ready to Use	N/A	N/A	N/A	N/A	See TDS for compliance and usage instructions.
Permahan® Sanding Paste 3120	Ready to Use	N/A	N/A	N/A	N/A	

* Plastic part surface cleaning, must use hand-held non-aerosol spray bottles; total volume must not exceed 20 gallons per 12 month period, per facility.
 * Facilities that use 400 gallons of coating may only use 20 gallons in 12 month period, $+150$ gallons of coatings may use 15 gallons in 12 month period.
 For complete product usage and mixing recommendations, see the product specific technical data sheet located on www.spieshecker.com.
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