

Spies Hecker® VOC Compliance Chart



Group 2 Vehicles : Public transit buses and mobile equipment.
 El Dorado County AQMD Rule 230 - Effective 06/01/1995

Description	Mix Ratio	Hardener	Reducer/Additive	Addit Product	Applied VOC a/L	Remarks
Surface Preparation VOC Limit = 0.6 lbs/gal (72 g/L)						
107™ Axalta Low VOC Gun & Equipment Cleaner					25	
220™ Axalta Silicone Remover Low VOC					29	
130™ Axalta Cleaner					0	
Pernahyd® Plastic Cleaning Paste 7081					13	
Pernahyd® Silicone Remover 7086 (in a spray bottle)					25	
Surface Preparation (Plastic Parts Only) VOC Limit = 6.5 lbs/gal (780 g/L)						
265™ Axalta Plastic Cleaning Paste					13	
Pernahyd® Plastic Cleaning Paste 7081					13	
200™ Axalta Silicone Remover Slow (in a spray bottle)					750	Must be applied with a spray bottle for compliance.
Pernahyd® Silicone Remover 7010 Slow (in a spray bottle)					750	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.
139™ Axalta Bug & Tar Remover (in a spray bottle)					188	Must be applied with a spray bottle for compliance.
225™ Axalta Bug & Tar Remover (in a spray bottle)					347	Must be applied with a spray bottle for compliance.
Pernahyd® Silicone Remover 7085 (in a spray bottle)					347	Must be applied with a spray bottle for compliance.
Pernahyd® Silicone Remover 7086 (in a spray bottle)					165	Must be applied with a spray bottle for compliance.
Description	Mix Ratio	Hardener	Reducer/Additive	Addit Product	Max Applied VOC (LE) g/L	Remarks
Pretreatment VOC Limit = 6.5 lbs/gal (780 g/L)						
Promat® Primer 3255 (Aerosol)	Ready to Use	N/A	N/A	N/A	N/A	
Promat® Primer 3255	+50%	N/A	8580, 3363, 3365	N/A	780	
Promat® 5.5 Wash Primer 4056	2:1	4056	N/A	N/A	780	
425™ Axalta Etch Primer Low VOC	2:1	426	N/A	N/A	780	
Promat® Wash Primer 4076	1:1	4076	N/A	N/A	780	
420™ Axalta Etch Primer	1:1	421	N/A	N/A	780	
Promat® 1K Primer Surfacer 4085	+50%	N/A	8580, 3363, 3365	N/A	780	
Promat® 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	
403A™ Axalta 1K Primer Surfacer Dark Gray	Aerosol	N/A	N/A	N/A	N/A	
495™ 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	
Primers/Primer-Surfacers VOC Limit = 2.1 lbs/gal (250 g/L)						
Pernahyd® 1K Productive Primer Surfacer 4100	+5-10%	N/A	8000	N/A	250	
Pernahyd® EP Primer Surfacer 4502	2:1+0-10%	4503	3394	N/A	250	
463A™ Axalta Etch 2K	Ready to Use	Included	N/A	N/A	250	
Pernahyd® VHS Surfacer 5150	1.5:1+0-5%	3192, 3194, 3196	3392, 3394	N/A	250	
Pernahyd® VHS Surfacer 5150	2:1+0-20%	3170	3369, 3370, 3371	N/A	250	
Pernahyd® 2.1 Surfacer 5155	4:1+20-30%	3193, 3195, 3197, 3199	3369, 3370, 3371	N/A	250	
Pernahyd® 2.1 Surfacer 5155 Elasticized	2:1+20-30%	3193, 3195, 3197, 3199	3369, 3370, 3371	+20% 9050	250	9050 must be added before hardener.
Pernahyd® 2.1 Surfacer 5157	5:1+0-20%	3192, 3194, 3196	3392, 3392, 3394, 5409, 5410	N/A	250	
Pernahyd® 2.1 Surfacer 5157 Elasticized	4:1+0-20%	3192, 3194, 3196	3392, 3392, 3394, 5409, 5410	+15% 9050	250	9050 must be added before hardener.
Pernahyd® 1K UV Starlight Primer Surfacer 9002 (Aerosol)	Ready to Use	N/A	N/A	N/A	N/A	Aerosol
Pernahyd® 1K UV Starlight Primer Surfacer 9002	Ready to Use	N/A	N/A	N/A	250	Non-aerosol version
Primer-Sealers VOC Limit = 2.1 lbs/gal (250 g/L)						
Pernahyd® 2.1 Surfacer 5155	2:1+30%	3193, 3195, 3197, 3199	9070	+10-20% 3369, 3370, 3371	250	
Pernahyd® Spectro Sealer 5450	4:1+30%	3192, 3194, 3196	5409, 5410	N/A	250	
Pernahyd® Spectro Sealer 5450 Elasticized	3:1+30%	3192, 3194, 3196	5409, 5410	+15-30% 9050	250	9050 must be added before hardener.
Pernahyd® 2.1 Surfacer 5155 Elasticized	2:1+30%	3193, 3195, 3197, 3199	9070	+10-20% 3369, 3370, 3371	250	9050 must be added before hardener.
Pernahyd® 2K Sealer 5650	1.5%	3080	N/A	N/A	250	
Single Stage Topcoat VOC Limit 1.35 lbs/gal (160 g/L) [solid colors] / 4.3 lbs/gal (515 g/L) [metallic colors] Additional additives may be used. Consult technical data sheet for usage and compliance.						
Pernahyd® Automotive Top Coat FP 1005 Warm Gray VV604N	3:1+5%	3192, 3194, 3196	3394, 5409, 5410	+0-5% 8092, 8096	420	
Multistage Topcoat VOC Limit = 3.5 lbs/gal (420 g/L) 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	420	
Pernahyd® Hi-TEC Base Coat w/ Hardeners	+5-10% +10-30%	3080	6050, 6051, 6052, 6053	N/A	420	
Pernahyd® Base Coat Series 280/285	+5-15%	N/A	8000	N/A	420	
Pernahyd® Base Coat Series 280/285	+0-10%	N/A	8002	N/A	420	
Pernahyd® Base Coat Series 280/285	+5-10%	9007	+10-20% 6000 or 0-10% 6002	N/A	420	
Pernahyd® FP2003	+15% +40-50%	3193, 3195, 3197, 3199	3055, 3054, 3056	N/A	420	
Pernahyd® 2K Diamond Midcoat, MC 0001	2:1+10-15%	3192, 3194, 3196	3392, 3394	+15% 9050	420	
Pernahyd® 2K Transparent Red Midcoat, MC 0002	2:1+10-15%	3192, 3194, 3196	3392, 3394	+15% 9050	420	
Pernahyd® 2K Transparent Blue Midcoat, MC 0003	2:1+10-15%	3192, 3194, 3196	3392, 3394	+15% 9050	420	
Pernahyd® 2K Transparent Midcoat 9100	1:1+3%	3194, 3196	3394	9045, 9049, 9056, 9057, 9058	420	
Clearcoats: Must be used as a system with basecoats, check TDS for usage						
Pernahyd® Air Dry Clear Coat 8094	4:1 +30%	3192, 3194, 3196	3392, 3394	N/A	420	
Pernahyd® Air Dry Clear Coat 8094 Elasticized	4:1 +20%	3193, 3194, 3196	3392, 3394	+10% 9050	420	9050 must be added before hardener.
Pernahyd® 2.1 Clear Coat 8095	2:1+5-10%	3193, 3195, 3197, 3199	3369, 3370, 3371	N/A	420	
Pernahyd® 2.1 Clear Coat 8095 Elasticized	2:1+5-10%	3193, 3195, 3197, 3199	3369, 3370, 3371	+15-30% 9050	420	9050 must be added before hardener.
Pernahyd® Low VOC Clear Coat 8096	2:1+10-15%	3192, 3194, 3196	3392, 3394	N/A	420	
Pernahyd® Low VOC Clear Coat 8096 Elasticized	2:1+10-15%	3192, 3194, 3196	3392, 3394	+15% 9050	420	9050 must be added before hardener.
Pernahyd® Matte Clear Coat Additive 8091 with 8096 Flat Finish	3:1 w/8096	2:1 w/3194, 3196	+10-15% 3392, 3394	N/A	420	
Pernahyd® 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	420	
Pernahyd® 2.1 Clear Coat 8097	2:1+0-10%	3193, 3195, 3197, 3199	3369, 3370, 3371	N/A	420	
Pernahyd® 2.1 Clear Coat 8097 - ASAP	1.5:1+5%	3193, 3195, 3197, 3199	9055	+5% 3369, 3370, 3371	420	
Pernahyd® 2.1 Clear Coat 8097 Elasticized	2:1+0-10%	3193, 3195, 3197, 3199	3369, 3370, 3371	+15-30% 9050	420	9050 must be added before hardener.
Pernahyd® 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	420	
Pernahyd® 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	420	
Pernahyd® Low VOC Clear Coat 8098	2:1+5%	3192, 3194, 3196	3392, 3394	N/A	420	
Pernahyd® Low VOC Clear Coat 8098 Elasticized	2:1+10%	3192, 3194, 3196	3392, 3394	+15% 9050	420	9050 must be added before hardener.
Pernahyd® Low VOC Clear Coat 8098 w/ 9055	See TDS 8098	3192, 3194, 3196	3392, 3392, 3394	N/A	420	
Pernahyd® Low VOC Clear Coat 8098 w/ 8092 Matte Clear Coat Additive	See TDS 8092	3192, 3194, 3196	3392, 3394	N/A	420	
Pernahyd® Matte Clear Coat Additive 8091 with 8098 Flat Finish	5:1 w/8098	2:1 w/3194, 3196	+20% 3392, 3394	N/A	420	
Pernahyd® Matte Clear Coat Additive 8091 with 8098 Satin Finish	5:1 w/8098	2:1 w/3194, 3196	+20% 3392, 3394	N/A	420	
Specialty Coatings VOC Limit = 7.0 lbs/gal (840 g/L)						
Elastomeric Coatings						
Pernahyd® 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	
330™ Axalta Plastic Primer Surfacer Black	1:1	331	N/A	N/A	840	
Promat® Elastic Primer 3304	Ready to Use	N/A	N/A	N/A	840	
Promat® Elastic Primer 3304 (Aerosol)	Aerosol	N/A	N/A	N/A	N/A	
Promat® 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	
Pernahyd® Semi-gloss Elastic Clear Coat 8070	3:1+5-10%	3193, 3195, 3197, 3199	8580, 3363, 3365	N/A	840	
Uniform Finish Coatings						
Pernahyd® Speed Blender 1036	4:1 w/Pernahyd® or Pernahyd® Clear Coats (RTS)				840	
Pernahyd® Speed Blender 1036 w/8096	See 1036 TDS for compliant mixing recommendations				840	
Pernahyd® Speed Blender 1036 w/8095 or 8097	See 1036 TDS for compliant mixing recommendations				840	
Pernahyd® 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 280/285 (RTS)				840	
Pernahyd® Blend-in Additive 9017	1:2 w/Pernahyd® Base Coat Series 280/285 (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.						
Pernahyd® Additive Maroon 9056				See 998.0 TDS for compliant mixing recommendations	420	
Pernahyd® Additive Magenta 9057				See 998.0 TDS for compliant mixing recommendations	420	
Pernahyd® Additive Violet 9058				See 998.0 TDS for compliant mixing recommendations	420	
Pernahyd® Additive Deep Red 9049				See 998.0 TDS for compliant mixing recommendations	420	
Pernahyd® Additive Blue 9045				See 998.0 TDS for compliant mixing recommendations	420	
Rader® Spray Polyester 3908	+5%	9520	+5% 7690 or +2.5% 9010	N/A	N/A	
766A™ Axalta 1K Trim Black Stain	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	-	
Axalta E-Coat Restore Aerosols	Ready to Use	N/A	N/A	N/A	N/A	See TDS for compliance and usage instructions.
Pernahyd® Sanding Paste 1120	Ready to Use	N/A	N/A	N/A	N/A	

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