

Spies Hecker® VOC Compliance Chart

Indiana Dept. of Environmental Management - 328 IAC Rule 10 - Automobile Refinishing - Effective 6/1/2009
 Illinois Environmental Protection Agency - Title 35 BIC Parts 218/219 - Motor Vehicle Refinishing - Effective May 1995



Description	Compliant Rules	Applied VOC Isolant	Remarks			
Surface Preparation VOC Limit = 1.4 lbs/gal (168 g/L)						
107™ Acqua Low VOC Gun & Equipment Cleaner		0.2				
107™ Acqua Silicone Remover Water		1.4				
200™ Acqua Silicone Remover Low VOC		0.2				
Permadyne® Plastic Cleaning Paste 7081		0.1				
205™ Acqua Plastic Cleaning Paste		0.1				
Permadyne® Silicone Remover 7086		1.4				
Permadyne® Silicone Remover 7096		0.2				
Plastic Surface Preparation VOC Limit = 6.5 lbs/gal (780 g/L)						
200™ Acqua Silicone Remover Slow		6.5				
Permadyne® Silicone Remover 7086		1.6				
Permadyne® Silicone Remover 7010 Slow		6.2				
1380™ Acqua Bleach Tar Remover		2.0				
225™ Acqua Bleach Tar Remover		2.2				
FOR PLASTICS ONLY!						
Description	Mix Ratio	Hardener	Reducer/Additive	Addl Product	Max Applied VOC (LE) Isolant	Remarks
Pre-treatment VOC Limit = 6.5 lbs/gal (780 g/L)						
Primoair® Primer 3255	+50%	N/A		8580, 3363, 3365	N/A	6.6
Primoair® Primer 3255 Aerosol	Ready to Use	N/A		N/A	N/A	N/A
Primoair® Primer 4375	1:1	4076		N/A	N/A	6.5
Primoair® 1K Primer Surface 4395 (Aerosol)	Ready to Use	N/A		N/A	N/A	N/A
Primoair® 1K Primer Surface 4395	+50%	N/A		8580, 3363, 3365	N/A	6.5
Acqua™ 1K Primer Surface 5540*20	Ready to Use	N/A		N/A	N/A	6.5
420™ Acqua Etch Primer	1:1	421		N/A	N/A	6.5
4158™ Acqua 1K Primer Surface Light Gray	Ready to Use	N/A		N/A	N/A	N/A
4004™ Acqua 1K Primer Surface Dark Gray	Ready to Use	N/A		N/A	N/A	N/A
495™ Acqua Metal Pre-treatment Wipes	Ready to Use	N/A		N/A	N/A	6.5
Primer/Surface Coats VOC Limit = 4.8 lbs/gal (580 g/L)						
Permadyne® 1K Productive Primer Surface 4100	+5-10%	N/A		6000	N/A	4.8
Permadyne® EP Primer Surface 4602	3:1+25-30%	4501		3363, 3365	N/A	4.8
Permadyne® EP Primer Surface 4602	2:1+10-10%	4503		3394	N/A	4.8
4604™ Acqua Epoxy 2K	Ready to Use	HS4642		N/A	N/A	4.8
Permadyne® VHS Surface 5150	2:1 5 + 5-10%	3220, 3230, 3240, 3245		8580, 3363, 3365, 6498	N/A	4.8
Permadyne® 2.1 Surface 5157	4:1+5-10%	3307, 3309, 3310, 3315, 3320, 3325		8580, 3363, 3365, 6498, 5409, 5410	N/A	4.8
Permadyne® 2.1 Surface 5157 Elastified	4:1+10-20%	3307, 3309, 3310, 3315, 3320, 3325		8580, 3363, 3365, 6498, 5409, 5410	+30% 9050	4.8
Permadyne® HS Premium Surface 5310	4:1+10-10%	3307, 3309, 3310, 3315, 3320, 3325		8580, 3363, 3365	N/A	4.8
Permadyne® HS Premium Surface 5310	7:1+10-20%	3220, 3230, 3240, 3245		8580, 3363, 3365	N/A	4.8
Permadyne® Spectro Surface 5450	4:1+10-10%	3307, 3309, 3310, 3315, 3320, 3325		8580, 3363, 3365	N/A	4.8
Permadyne® Spectro Surface 5450 Elastified	2:1+10-10%	3307, 3309, 3310, 3315, 3320, 3325		8580, 3363, 3365	+30% 9050	4.8
Permadyne® Spectro Surface 5450	3:1+25%	3220, 3230, 3240, 3245		8580, 3363, 3365	N/A	4.8
Permadyne® Spectro Surface 5450 Elastified	3:1+25%	3220, 3230, 3240, 3245		8580, 3363, 3365	N/A	4.8
Permadyne® Spectro Sealer 5450	2:1+20-20%	3307, 3309, 3310, 3315, 3320		6498	N/A	4.8
Permadyne® Spectro Sealer 5450 Elastified	2:1+20-20%	3307, 3309, 3310, 3315, 3320		6498	15-30% 9050	4.8
Permadyne® Spectro Sealer 5450	6:1+25-30%	3220, 3230, 3240, 3245		5498	N/A	4.8
Permadyne® Spectro Sealer 5450 Elastified	6:1+25-30%	3220, 3230, 3240, 3245		5498	15-30% 9050	4.8
Permadyne® 2K Sealer 5650	1:5%	3080		N/A	N/A	4.8
Permadyne® Vario Surface 8590	3:1+5-10%	3307, 3309, 3310, 3315, 3320, 3325		8580, 3363, 3365	N/A	4.8
Permadyne® Vario Surface 8590 Elastified	3:1+5-10%	3307, 3309, 3310, 3315, 3320, 3325		8580, 3363, 3365	+30% 9050	4.8
Permadyne® Vario Surface 8590	5:1+10-20%	3220, 3230, 3240, 3245		8580, 3363, 3365	N/A	4.8
Permadyne® Vario Surface 8590 Elastified	5:1+10-20%	3220, 3230, 3240, 3245		8580, 3363, 3365	N/A	4.8
Permadyne® 1K UV Stable Primer Surface 9002 (Aerosol)	Ready to Use	N/A		N/A	N/A	Aerosol
Permadyne® 1K UV Stable Primer Surface 9002	Ready to Use	N/A		N/A	N/A	Non-Aerosol version
Primer-Sealer VOC Limit = 4.8 lbs/gal (580 g/L)						
Permadyne® Spectro Surface 5450	2:1+20-30%	3307, 3309, 3310, 3315, 3320, 3325		5407	N/A	4.8
Permadyne® Spectro Surface 5450 w/Permadyne Reducer	2:1+20-30%	3307, 3309, 3310, 3315, 3320, 3325		5407	+0-5% 8580, 3363, 3365	4.8
Permadyne® Spectro Surface 5450 Elastified w/Permadyne Reducer	2:1+20-30%	3307, 3309, 3310, 3315, 3320, 3325		5407	+30% 9050	4.8
Permadyne® Spectro Surface 5450 Elastified w/Permadyne Reducer	2:1	3307, 3309, 3310, 3315, 3320, 3325		+0-5% 8580, 3363, 3365	+30% 9050	4.8
Permadyne® Spectro Surface 5450 w/Permadyne Reducer	2:1+40-50%	3220, 3230, 3240, 3245		5407	N/A	4.8
Permadyne® Spectro Surface 5450 w/Permadyne Reducer	3:1+40-50%	3220, 3230, 3240, 3245		5407	+0-5% 8580, 3363, 3365	4.8
Permadyne® Spectro Surface 5450 Elastified w/Permadyne Reducer	3:1+40-50%	3220, 3230, 3240, 3245		5407	+30% 9050	4.8
Permadyne® Spectro Surface 5450 Elastified w/Permadyne Reducer	3:1	3220, 3230, 3240, 3245		+0-5% 8580, 3363, 3365	+30% 9050	4.8
Permadyne® Spectro Sealer 5450	2:1+20-20%	3307, 3309, 3310, 3315, 3320		5409, 5410	N/A	4.8
Permadyne® Spectro Sealer 5450 Elastified	2:1+20-20%	3307, 3309, 3310, 3315, 3320		5409, 5410	15-30% 9050	4.8
Permadyne® Spectro Sealer 5450	6:1+25-30%	3220, 3230, 3240, 3245		5409, 5410	N/A	4.8
Permadyne® Spectro Sealer 5450 Elastified	6:1+25-30%	3220, 3230, 3240, 3245		5409, 5410	15-30% 9050	4.8
Permadyne® Vario Surface 8590 Elastified	3:1+20%	3307, 3309, 3310, 3315, 3320, 3325		8580, 3363, 3365	30% 9050	4.8
Permadyne® Vario Surface 8590 Elastified	5:1+10-20%	3220, 3230, 3240, 3245		8580, 3363, 3365	30% 9050	4.8
Single Stage Topcoats VOC Limit = 1.0 lbs/gal (100 g/L)						
Permadyne® Acqua Urethane Series 257	3:1+5-10%	1307, 3309, 3310, 3315, 3320, 3325		8580, 3363, 3365	N/A	5.0
Permadyne® Automotive Topcoat Series 257 FP-1004 Rally Matt Black	4:1+25%	3220, 3230, 3240, 3245		8580, 3363, 3365	+15% 9050	5.0
Permadyne® Automotive Topcoat Series FP-1002 Blue Black	4:1+25%	3220, 3230, 3240, 3245		8580, 3363, 3365	+15% 9050	5.0
Permadyne® Automotive Top Coat FP 1005 Warm Gray V1604B	3:1+10-20%	3307, 3309, 3310, 3315, 3320, 3325		8580, 3363, 3365, 3394, 5409, 5410	+0-5% 8092, 8095	5.0
Permadyne® Automotive Top Coat FP 1005 Warm Gray V1604B	4:1+10%	3220, 3230, 3240, 3245		8580, 3363, 3365, 3394, 5409, 5410	+0-5% 8092, 8095	5.0
2-stage Topcoat VOC Limit = 5.0 lbs/gal (600 g/L) applied as a system						
3-stage Topcoat VOC Limit = 5.0 lbs/gal (600 g/L) applied as a system						
Basecoats: Must be used with specific clearcoats for compliance						
Permadyne® Hi TEC Base Coat	+10-30%	N/A		6050, 6051, 6052, 6053	N/A	5.0
Permadyne® Hi TEC Base Coat Hardener	+10-30%	6050		6051, 6052, 6053	N/A	5.0
Permadyne® Base Coat Series 280285	+5-10%	N/A		6000	N/A	5.0
Permadyne® Base Coat Series 280285	+0-10%	N/A		6002	N/A	5.0
Permadyne® Base Coat Series 280285	+5-10%	N/A		6004	N/A	5.0
Permadyne® Base Coat Series 293299	+40-50%	N/A		+10-20% 6000 or 0-10% 6002	N/A	5.0
Permadyne® Base Coat Series 293299	+40-50%	N/A		3054, 3055, 3056	N/A	5.0
Permadyne® Base Coat Series 293299 - GMW 14406	+10% +40-50%	3307, 3309, 3310, 3315, 3320, 3325		3054, 3055, 3056	N/A	5.0
Permadyne® Base Coat Series 293299 - GMW 14406	+10% +40-50%	3220, 3230, 3240, 3245		3054, 3055, 3056	N/A	5.0
Permadyne® Base Coat Series 293299 - High Temperature	+30% +10%	N/A		3056	N/A	5.0
Permadyne® 2K Diamond Midcoat MC 0001	See 998.0 TDS for Mixing Recommendations	3307, 3309, 3310, 3315, 3320, 3325 or 3220, 3230, 3240, 3245		8580, 3363, 3365	+15% 9050	5.0
Permadyne® 2K Transparent Red Midcoat MC 0002	See 998.0 TDS for Mixing Recommendations	3307, 3309, 3310, 3315, 3320, 3325 or 3220, 3230, 3240, 3245		8580, 3363, 3365	+15% 9050	5.0
Permadyne® 2K Transparent Blue Midcoat MC 0003	See 998.0 TDS for Mixing Recommendations	3307, 3309, 3310, 3315, 3320, 3325 or 3220, 3230, 3240, 3245		8580, 3363, 3365	+15% 9050	5.0
Permadyne® Transparent Midcoat 9100	1:1	2419, 3448		3363, 3365	9048, 9049, 9056, 9057, 9058	5.0
Clearcoats: Must be used as a system with basecoats unless a 0 lbs/gal (0 g/L) 2-stage or 3 lbs/gal (324 g/L) 3-stage for compliance						
Permadyne® HS Clear Coat 8035	2:1+10-10%	3307, 3309, 3310, 3315, 3320, 3325		8580, 3363, 3365, 9025	N/A	5.0
Permadyne® HS Clear Coat 8035 Elastified	2:1+10-10%	3307, 3309, 3310, 3315, 3320, 3325		8580, 3363, 3365, 9025	+15-30% 9050	5.0
Permadyne® HS Clear Coat 8035	3:1+15-20%	3220, 3230, 3240, 3245, 3245		8580, 3363, 3365, 9025	N/A	5.0
Permadyne® HS Clear Coat 8035 Elastified	3:1+15-20%	3220, 3230, 3240, 3245, 3245		8580, 3363, 3365, 9025	+15-30% 9050	5.0
Permadyne® MS Express Clear Coat 8046	2:1+10-5%	3307, 3309, 3310, 3315, 3320, 3325		8580, 3363, 3365, 9025	N/A	5.0
Permadyne® MS Express Clear Coat 8046 Elastified	2:1+10-5%	3307, 3309, 3310, 3315, 3320, 3325		8580, 3363, 3365, 9025	+15-30% 9050	5.0
Permadyne® MS Express Clear Coat 8046	3:1+10%	3220, 3230, 3240, 3245		8580, 3363, 3365, 9025	N/A	5.0
Permadyne® MS Express Clear Coat 8046 Elastified	3:1+10%	3220, 3230, 3240, 3245		8580, 3363, 3365, 9025	+15-30% 9050	5.0
Permadyne® Low VOC Clear Coat 8096	2:1+20%	3307, 3309, 3310, 3315, 3320		3363, 3365, 8580	N/A	5.0
Permadyne® Low VOC Clear Coat 8096 Elastified	2:1+20%	3307, 3309, 3310, 3315, 3320		3363, 3365, 8580	N/A	5.0
Permadyne® Low VOC Clear Coat 8096 Elastified	3:2 + 5-10%	3307, 3309, 3310, 3315, 3320, 3325		3363, 3365, 8580	+15-30% 9050	5.0
Permadyne® Low VOC Clear Coat 8096 Elastified	5:1+20-25%	3220, 3230, 3240, 3245		3363, 3365, 8580	+15-30% 9050	5.0
Permadyne® MS Clear Coat 8180	2:1	3307, 3309, 3310, 3315, 3320		N/A	N/A	5.0
Permadyne® MS Clear Coat 8180 Elastified	2:1	3307, 3309, 3310, 3315, 3320		N/A	N/A	5.0
Permadyne® MS Clear Coat 8180	3:1+10-10%	3220, 3230, 3240, 3245		8580, 3363, 3365	N/A	5.0
Permadyne® MS Clear Coat 8180 Elastified	3:1+10%	3220, 3230, 3240, 3245		8580, 3363, 3365	+15-30% 9050	5.0
Permadyne® HS Diamond Clear Coat 8450	3:1+40-5%	31 w/3220, 3230, 3240, 3245		8580, 3363, 3365	N/A	5.2
Permadyne® HS Diamond Clear Coat 8450 - ASAP	2:1+10-5%	3240		8580, 3363, 3365	+10% 9050	5.2
Permadyne® HS Optimum Clear Coat 8600	3:1+10-5%	3220, 3230, 3240, 3245		8580, 3363, 3365, 9025	N/A	5.2
Permadyne® HS Optimum Clear Coat 8600 Elastified	3:1	3220, 3230, 3240, 3245		15-30% 9050	+15-30% 9050	5.2
Specialty Clearcoats VOC Limit = 7.0 lbs/gal (840 g/L)						
Adhesive Promoters						
Permadyne® Transparent Surface 8550	3:1+20-30%	3307, 3309, 3310, 3315, 3320, 3325		8580, 3363, 3365	N/A	7.0
Permadyne® Transparent Surface 8550	4:1+35%	3220, 3230, 3240, 3245		8580, 3363, 3365	N/A	7.0
Permadyne® Vario Surface 8590	3:1+20-30%	3307, 3309, 3310, 3315, 3320, 3325		8580, 3363, 3365	N/A	7.0
Permadyne® Vario Surface 8590	5:1+30-40%	3220, 3230, 3240, 3245		8580, 3363, 3365	N/A	7.0
Etchants/Cleaners						
Permadyne® 1:1 Etchant Primer Surface 3300	1:1	3301		N/A	N/A	7.0
Permadyne® Etchant Primer 3304	Ready to Use	N/A		N/A	N/A	7.0
Permadyne® Etchant Primer 3304 (Aerosol)	Ready to Use	N/A		N/A	N/A	7.0
Permadyne® Etchant Primer 4190	Ready to Use	N/A		N/A	N/A	7.0
300™ Acqua Plastic Polyolefin Adhesion Promoter	Ready to Use	N/A		N/A	N/A	N/A
300™ Acqua Plastic Polyolefin Adhesion Promoter	Ready to Use	N/A		N/A	N/A	7.0
310A™ Acqua Plastic Polyolefin Adhesion Promoter Aerosol	Ready to Use	N/A		N/A	N/A	N/A
330™ Acqua Plastic Primer Surface Black	1:1	331		N/A	N/A	7.0
330™ Acqua Plastic Primer Surface Gray	1:1	331		N/A	N/A	7.0
Permadyne® Matte Clear Coat Additive 8091 w/ 8035 Flat Finish	4:1 w/8035	2:1 w/3315, 3320		+0-5% 3363	N/A	7.0
See 998.0 TDS for Mixing Recommendations						
Permadyne® Semi-Gloss Elastic Clear Coat 8070	2:1+5-10%	3307, 3309, 3310, 3315, 3320, 3325		8580, 3363, 3365	N/A	7.0
Perm						