

VOC Compliant Products for US National Rule for Automotive Refinishing

11-9-07



Also covers: Delaware-DNR Reg. 24 Sec 11; Illinois-EPA Title 35, Admin. Code Part 218, Subpart HH / Indiana-D.E.M. Title 326 IAC 8-10/ Jefferson Co.-APCD Reg. 6.44/ Maricopa Co.-APC Arizona, 345/ Massachusetts-Rule 310 CMR 7.28(29)/ Maryland-D.E.Comar 26.11.19.23/ New Jersey-AC 7.27-16/12-New York State Part 228 (Jan 1, 05), Penn. DEP, Rule 121/ Portland-AQMA OAR240-22-720/ Rhode Island-APC Reg. No.30/ Tennessee-APCB Rule 1200-3-18-45/ Puget Sound-APCA Reg. 9.16/ Spokane Co.-APCA Reg. I Sec 6.13/ TCEQ 30 TAC Ch. 115/Vancouver,WA-SWAPCA 493-400/ Wisconsin-NRB Rule NR 422.095

Product **Supplied VOC lbs/gal** **Supplied VOC g/l**
No Surface Preparation limits are set forth in the National Rule. Choose based upon more stringent VOC Limits as indicated.

Must use 7080 or 7090 for metal: Illinois, Indiana, Jefferson County-KY, Nashville-TN, Massachusetts, Maricopa Cnty (PHX area), Rhode Island, Puget Sound, Spokane, Texas, Wisconsin.
Must use 7010/7799/7081 for cleaning of plastics (8581 is not allowed): Illinois, Indiana, Maryland, Rhode Island, Spokane, Wisconsin.
Must use 7081 for cleaning of plastics (no other cleaners allowed): Jefferson Cty KY, Nashville TN, Maricopa Cty, Massachusetts, Texas.

Permahyd® Silicone Remover 7085				1.6	188
Permahyd® Silicone Remover 7090				0.5	64
Permanent® Silicone Remover 7010 Slow				6.3	757
Permanal® Silicone Remover 7799 Fast				6.1	735
Priomat® Plastic Reducer 8581				7.2	859
Permahyd® Plastic Cleaning Paste 7081				0.3	36

Product	Mix Ratio	Hardener	Reducer	Highest Applied VOC LE (Less water-exempts)	
Pretreatment VOC Limit 6.5 lbs/gal (780 g/l)					
				lbs/gal	gms/ltr
Priomat® Wash Primer 4075 Gray	1:1	4076	N/A	6.4	764
Priomat® 1K Primer Surfacer 4085	N/A	N/A	+50% 8580, 3363, 3365, 3366	6.1	730
Priomat® Primer 3255 Red Brown	N/A	N/A	+50% 8580, 3363, 3365, 3366	6.3	756

Primer/Primer Surfacer VOC Limit 4.8 lbs/gal (580 g/l) Regs with Precoat Limits apply in this category.					
Permahyd® Primer Surfacer 4100	N/A	N/A	0-10% 6000	1.5	176
Permasolid® HS Premium Surfacer 5310	4:1	3307, 3309, 3310, 3315, 3320, 3325	0-10% 8580, 3363, 3365, 3366	4.2	502
*Permasolid® Spectro Surfacer 5400	4:1	3307, 3309, 3310, 3315, 3320, 3325	+15% 8580, 3363, 3365, 3366	4.6	553
*Permacron® Vario Surfacer 8590	3:1	3307, 3309, 3310, 3315, 3320, 3325	+5-10% 8580, 3363, 3365, 3366	4.3	520

* 8590 and 5400 may be mixed with 30% Elastic Additive 9050 with a resulting VOC of less than their original value.

Primer Sealer VOC Limit 4.6 lbs/gal (550 g/l)					
Permahyd® Stonechip Protector 7100	N/A	6000	+0-10%	0.9	111
*Permsolid® Spectro Surfacer 5400	2:1	3307, 3309, 3310, 3315, 3320, 3325	+30% 5407	4.5	537
*Permacron® Premium Surfacer 8590	3:1	3307, 3309, 3310, 3315, 3320, 3325	+20% 8580, 3363, 3365	4.6	548

* 8590 and 5400 may be mixed with 30% Permacron® Elastic Additive 9050 with a resulting VOC of less than their original VOC Value.

Single Stage Topcoat VOC Limit 5.0 lbs/gal (600 g/l)					
Permacron® Acrylic Urethane Series 257	3:1	3307, 3309, 3310, 3315, 3320, 3325	+5-10% 8580, 3363, 3365, 3366	4.8	570
Permasolid® HS Top Coat Series 270	2:1	3307, 3309, 3310, 3315, 3320, 3325	N/A	3.4	408

Multistage System					
			Option 1	Option 2	
Permacron® Base Coat Series 293/295	N/A	N/A	+40-50% 3054, 3055, 3056	+35% 3056	+15% 3057
Permacron® Base Coat FP2002	N/A	N/A	+50-70% 3054, 3055, 3056	na	

Followed by: for 2-Stage 5.0 lbs/gal (600 g/l)					
Permacron® MS Clear Coat 8015	2:1	3307, 3309, 3310, 3315, 3320	N/A	5.0	597
Permacron® MS Clear Coat 8110	2:1	3307, 3309, 3310, 3315, 3320, 3325	+0-5% 8580, 3363, 3365, 3366	4.9	586
Permasolid® HS Clear Coat 8030	2:1	3307, 3309, 3310, 3315, 3320, 3325	+0-5% 8580, 3363, 3365, 3366	4.8	579
Permasolid® HS Clear Coat 8030	2:1	3307, 3309, 3310, 3315, 3320, 3325	+0-15% 9030 Accelerator	4.9	589
Permasolid® HS Clear Coat 8035	2:1	3307, 3309, 3310, 3315, 3320, 3325	+0-10% 8580, 3363, 3365, 3366	4.9	590
Permacron® MS Clear Coat 8180	2:1	3307, 3309, 3310, 3315, 3320	N/A	5.0	597
Permasolid® HS Diamond Clear Coat 8450	3:1	3240	+0-5% 8580, 3363, 3365, 3366	4.8	575
Permasolid® HS Optimum Clear Coat 8600	3:1	3220, 3230, 3240	N/A	4.6	554

The above Clear Coats (not 8450) may be mixed with 15-30% Permacron® Elastic Additive 9050 with a resulting VOC of less than their original VOC Value.

Followed by: for 3-Stage 5.2 lbs/gal (630 g/l)					
Permacron® HS Clear Coat 8035	2:1	3307, 3309, 3310, 3315, 3320, 3325	N/A	5.2	621
Permacron® HS Clear Coat 8030	2:1	3307, 3309, 3310, 3315, 3320, 3325	N/A	5.1	607
Permasolid® HS Diamond Clear Coat 8450	3:1	3240	N/A	5.2	622
Permasolid® HS Optimum Clear Coat 8600	3:1	3220, 3230, 3240	N/A	5.2	619

The above Clear Coats (not 8450) may be mixed with 15-30% Permacron® Elastic Additive 9050 with a resulting VOC of less than their original VOC Value.

GM 4901M Recommendations Multistage System VOC Limit 5.0 lbs/gal (600 g/l)					
Permacron® Base Coat Series 293/295	1+15%	3307, 3309, 3310, 3315, 3320, 3325	+30-40% 3054, 3055, 3056		

Followed by: "Approved" Clearcoats					
Permasolid® HS Clear Coat 8030	2:1	3307, 3309, 3310, 3315, 3320, 3325	+0-5% 8580, 3363, 3365, 3366	4.5	545
Permacron® MS Clear Coat 8015	2:1	3307, 3309, 3310, 3315, 3320	N/A	4.8	579
Permasolid® HS Clear Coat 8030	2:1	3307, 3309, 3310, 3315, 3320, 3325	+ 0-15% 9030 Accelerator	4.8	571
Permacron® HS Clear Coat 8035	2:1	3307, 3309, 3310, 3315, 3320, 3325	0-10% 8580, 3363, 3365, 3366	4.9	589

Specialty Coating VOC Limit 7.0 lbs/gal (840 g/l)

Adhesion Promoters					
Permacron® Premium Surfacer 8590	3:1	3307, 3309, 3310, 3315, 3320, 3325	+30% 8580, 3363, 3365, 3366	4.9	584
Permacron® Transparent Surfacer 8550	3:1	3307, 3309, 3310, 3315, 3320, 3325	+30% 8580, 3363, 3365	4.9	584

Uniform Finish Blenders					
Permacron® Base Coat Blender 8560	Ready	N/A	N/A	6.7	801
Permacron® Speed Blender 1036	4:1	Permacron® Clear Coats (RTS)	N/A	6.7	807
Permacron® Blending Thinner 1031	3:1	Permacron® Clear Coats (RTS)	N/A	7.0	838

Fish-eye Eliminators					
Permacron® Antisilicone 8510	25ml:1	2K Acrylic Topcoats (RTS)	N/A	4.3	520

Elastomeric Coatings					
*Permacron® Vario Surfacer 8590 with 30% Permacron® Elastic Additive 9050	3:1	3307, 3309, 3310, 3315, 3320, 3325	+5-10% 8580, 3363, 3365, 3366	4.6	547
Permacron® 1:1 Elastic Primer Surfacer 3300	1:1	3301	N/A	5.6	674
257 - Ralley Matt Black FP1004	3:1	3307, 3309, 3310, 3315, 3320, 3325	+5-10% 8580, 3363, 3365, 3366	4.5	539
Priomat® Elastic Primer 3304	Ready	N/A	N/A	7.0	837
Permacron® Semi-gloss Elastic Clear Coat 8070	3:1	3307, 3309, 3310, 3315, 3320, 3325	+5-10% 8580, 3363, 3365, 3366	4.6	549

For specific VOC Topcoat recommendations and limits for Permahyd® accounts, please contact Color Service at 888-371-3313.
 For jurisdiction, applicability, solvent handling, recordkeeping, exemptions, or for detailed information about local regulations, please contact Regulatory at 888-371-3313.
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