

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                                                                                                                                                                                                     | Compliant Rule(s)                                 |                                                    |                              |                                          | Applied VOC<br>g/L          | Remarks                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------|------------------------------|------------------------------------------|-----------------------------|-------------------------------------------------------------------|
| <b>Surface Preparation VOC Limit = 0.6 lbs/gal (72 g/L)</b>                                                                                                                                                     |                                                   |                                                    |                              |                                          |                             |                                                                   |
| 107™ Axalta Low VOC Gun & Equipment Cleaner                                                                                                                                                                     | El Dorado                                         |                                                    |                              |                                          | 25                          |                                                                   |
| 220™ Axalta Silicone Remover Low VOC                                                                                                                                                                            |                                                   |                                                    |                              |                                          | 20                          |                                                                   |
| 130™ Axalta Cleaner                                                                                                                                                                                             |                                                   |                                                    |                              |                                          | 0                           |                                                                   |
| Permahyd® Plastic Cleaning Paste 7081                                                                                                                                                                           |                                                   |                                                    |                              |                                          | 13                          |                                                                   |
| Permahyd® Silicone Remover 7086 (in a spray bottle)                                                                                                                                                             |                                                   |                                                    |                              |                                          | 25                          |                                                                   |
| <b>Surface Preparation (Plastic Parts Only) VOC Limit = 6.5 lbs/gal (780 g/L)</b>                                                                                                                               |                                                   |                                                    |                              |                                          |                             |                                                                   |
| 265™ Axalta Plastic Cleaning Paste                                                                                                                                                                              | El Dorado                                         |                                                    |                              |                                          | 13                          |                                                                   |
| Permahyd® Plastic Cleaning Paste 7081                                                                                                                                                                           |                                                   |                                                    |                              |                                          | 750                         | Must be applied with a spray bottle for compliance.               |
| 200™ Axalta Silicone Remover Slow (in a spray bottle)                                                                                                                                                           |                                                   |                                                    |                              |                                          | 750                         | Must be applied with a spray bottle for compliance.               |
| Permaseal® Silicone Remover 7010 Slow (in a spray bottle)                                                                                                                                                       |                                                   |                                                    |                              |                                          | 164                         | 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)                                                                                                                                                               |                                                   |                                                    |                              |                                          | 349                         | 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.               |
| Permahyd® Silicone Remover 7085 (in a spray bottle)                                                                                                                                                             |                                                   |                                                    |                              |                                          | 165                         | Must be applied with a spray bottle for compliance.               |
| Permahyd® Silicone Remover 7086 (in a spray bottle)                                                                                                                                                             |                                                   |                                                    |                              |                                          |                             |                                                                   |
|                                                                                                                                                                                                                 |                                                   |                                                    |                              |                                          |                             |                                                                   |
| Description                                                                                                                                                                                                     | Mix Ratio                                         | Hardener                                           | Reducer/<br>Additive         | Addl Product                             | Max Applied<br>VOC (LE) g/L | Remarks                                                           |
| <b>Pretreatment VOC Limit = 6.5 lbs/gal (780 g/L)</b>                                                                                                                                                           |                                                   |                                                    |                              |                                          |                             |                                                                   |
| Priomat® Primer 3255 (Aerosol)                                                                                                                                                                                  | Ready to Use                                      | N/A                                                |                              | N/A                                      | N/A                         |                                                                   |
| Priomat® Primer 3255                                                                                                                                                                                            | +50%                                              | N/A                                                | 8580, 3363, 3365             | N/A                                      | 780                         |                                                                   |
| Priomat® 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                         |                                                                   |
| Priomat® Wash Primer 4076                                                                                                                                                                                       | 1:1                                               | 4076                                               | N/A                          | N/A                                      | 780                         |                                                                   |
| 420™ Axalta Etch Primer                                                                                                                                                                                         | 1:1                                               | 421                                                | N/A                          | N/A                                      | 780                         |                                                                   |
| Priomat® 1K Primer Surface 4085                                                                                                                                                                                 | +50%                                              | N/A                                                | 8580, 3363, 3365             | N/A                                      | 780                         |                                                                   |
| Priomat® 1K Primer Surface 4085 (Aerosol)                                                                                                                                                                       | Ready to Use                                      | N/A                                                | N/A                          | N/A                                      | N/A                         |                                                                   |
| 410A™ Axalta 1K Primer Surface Light Gray                                                                                                                                                                       | Aerosol                                           | N/A                                                | N/A                          | N/A                                      | N/A                         |                                                                   |
| 400A™ Axalta 1K Primer Surface 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                         |                                                                   |
| <b>Primers/Primer-Surfaces VOC Limit = 2.1 lbs/gal (250 g/L)</b>                                                                                                                                                |                                                   |                                                    |                              |                                          |                             |                                                                   |
| Permahyd® 1K Productive Primer Surfacar 4100                                                                                                                                                                    | +5-10%                                            | N/A                                                | 6000                         | N/A                                      | 250                         |                                                                   |
| Permasolid® EP Primer Surfacar 4502                                                                                                                                                                             | 2:1+0-10%                                         | 4503                                               | 3394                         | N/A                                      | 250                         |                                                                   |
| 460A™ Axalta Epoxy 2K                                                                                                                                                                                           | Ready to Use                                      | Included                                           | N/A                          | N/A                                      | N/A                         |                                                                   |
| Permacron® VHS Surfacar 5150                                                                                                                                                                                    | 1.5:1+0-5%                                        | 3192, 3194, 3196                                   | 3392, 3394                   | N/A                                      | 250                         |                                                                   |
| Permacron® VHS Surfacar 5150                                                                                                                                                                                    | 2:1+0-20%                                         | 3170                                               | 3369, 3370, 3371             | N/A                                      | 250                         |                                                                   |
| Permasolid® 2.1 Surfacar 5155                                                                                                                                                                                   | 4:1+20-30%                                        | 3193, 3195, 3197, 3199                             | 3369, 3370, 3371             | N/A                                      | 250                         |                                                                   |
| Permasolid® 2.1 Surfacar 5155 Elasticized                                                                                                                                                                       | 2:1+0-30%                                         | 3193, 3195, 3197, 3199                             | 3369, 3370, 3371             | +30% 9050                                | 250                         | 9050 must be added before hardener.                               |
| Permasolid® 2.1 Surfacar 5157                                                                                                                                                                                   | 5:1+0-20%                                         | 3192, 3194, 3196                                   | 3392, 3392, 3394, 5409, 5410 | N/A                                      | 250                         |                                                                   |
| Permasolid® 2.1 Surfacar 5157 Elasticized                                                                                                                                                                       | 4:1+0-20%                                         | 3192, 3194, 3196                                   | 3392, 3392, 3394, 5409, 5410 | +15% 9050                                | 250                         | 9050 must be added before hardener.                               |
| Permasolid® 1K UV Startlight Primer Surfacar 9002 (Aerosol)                                                                                                                                                     | Ready to Use                                      | N/A                                                | N/A                          | N/A                                      | N/A                         | Aerosol                                                           |
| Permasolid® 1K UV Startlight Primer Surfacar 9002                                                                                                                                                               | Ready to Use                                      | N/A                                                | N/A                          | N/A                                      | 250                         | Non-aerosol version                                               |
| <b>Primer-Sealers VOC Limit = 2.1 lbs/gal (250 g/L)</b>                                                                                                                                                         |                                                   |                                                    |                              |                                          |                             |                                                                   |
| Permasolid® 2.1 Surfacar 5155                                                                                                                                                                                   | 2:1+30%                                           | 3193, 3195, 3197, 3199                             | 9070                         | +10-20% 3369, 3370, 3371                 | 250                         |                                                                   |
| Permasolid® Spectro Sealer 5450                                                                                                                                                                                 | 4:1+30%                                           | 3192, 3194, 3196                                   | 5409, 5410                   | N/A                                      | 250                         |                                                                   |
| Permasolid® Spectro Sealer 5450 Elasticized                                                                                                                                                                     | 3:1+30%                                           | 3192, 3194, 3196                                   | 5409, 5410                   | +15-30% 9050                             | 250                         | 9050 must be added before hardener.                               |
| Permasolid® 2.1 Surfacar 5155 Elasticized                                                                                                                                                                       | 2:1+30%                                           | 3193, 3195, 3197, 3199                             | 9070                         | +10-20% 3369, 3370, 3371<br>+15-30% 9050 | 250                         | 9050 must be added before hardener.                               |
| Permahyd® 2K Sealer 8650                                                                                                                                                                                        | 1:5%                                              | 3080                                               | N/A                          | N/A                                      | 250                         |                                                                   |
| <b>Single Stage Topcoat VOC Limit   3.6 lbs/gal (420 g/L) [solid colors] / 4.3 lbs/gal (516 g/L) [metallic colors]</b> Additional additives may be used. Consult technical data sheet for usage and compliance. |                                                   |                                                    |                              |                                          |                             |                                                                   |
| Permacron® Automotive Top Coat FP 1005 Warm Gray VV604N                                                                                                                                                         | 3:1+5%                                            | 3192, 3194, 3196                                   | 3394, 5409, 5410             | +0-5% 8092, 8096                         | 420                         |                                                                   |
| <b>Multistage Topcoat VOC Limit = 3.6 lbs/gal (420 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>                                                                                                                     |                                                   |                                                    |                              |                                          |                             |                                                                   |
| Permahyd® Hi-TEC Base Coat                                                                                                                                                                                      | +10-30%                                           | N/A                                                | 6050, 6051, 6052, 6053       | N/A                                      | 420                         |                                                                   |
| Permahyd® Hi-TEC Base Coat w/ Hardeners                                                                                                                                                                         | +5-10% +10-30%                                    | 3080                                               | 6050, 6051, 6052, 6053       | N/A                                      | 420                         |                                                                   |
| Permahyd® Base Coat Series 280/285                                                                                                                                                                              | +0-15%                                            | N/A                                                | 6000                         | N/A                                      | 420                         |                                                                   |
| Permahyd® Base Coat Series 280/285                                                                                                                                                                              | +0-10%                                            | N/A                                                | 6002                         | N/A                                      | 420                         |                                                                   |
| Permahyd® Base Coat Series 280/285                                                                                                                                                                              | +0-10%                                            | 9007                                               | +10-20% 6000 or 0-10% 6002   | N/A                                      | 420                         |                                                                   |
| Permacron® FP2003                                                                                                                                                                                               | +15% +40-50%                                      | 3193, 3195, 3197, 3199                             | 3055, 3054, 3056             | N/A                                      | 420                         |                                                                   |
| Permasolid® 2K Diamond Midcoat, MC 0001                                                                                                                                                                         | 2:1+0-15%                                         | 3192, 3194, 3196                                   | 3392, 3394                   | +15% 9050                                | 420                         |                                                                   |
| Permasolid® 2K Transparent Red Midcoat, MC 0002                                                                                                                                                                 | 2:1+0-15%                                         | 3192, 3194, 3196                                   | 3392, 3394                   | +15% 9050                                | 420                         |                                                                   |
| Permasolid® 2K Transparent Blue Midcoat, MC 0003                                                                                                                                                                | 2:1+0-15%                                         | 3192, 3194, 3196                                   | 3392, 3394                   | +15% 9050                                | 420                         |                                                                   |
| Permacron® Transparent Midcoat 9100                                                                                                                                                                             | 1:1+3%                                            | 3194, 3196                                         | 3394                         | 9045, 9049, 9056, 9057, 9058             | 420                         |                                                                   |
| <b>Clearcoats: Must be used as a system with basecoats, check TDS for usage</b>                                                                                                                                 |                                                   |                                                    |                              |                                          |                             |                                                                   |
| Permasolid® Air Dry Clear Coat 8094                                                                                                                                                                             | 4:1 +20%                                          | 3192, 3194, 3196                                   | 3392, 3394                   | N/A                                      | 420                         |                                                                   |
| Permasolid® Air Dry Clear Coat 8094 Elasticized                                                                                                                                                                 | 4:1 +20%                                          | 3192, 3194, 3196                                   | 3392, 3394                   | +10% 9050                                | 420                         | 9050 must be added before hardener.                               |
| Permasolid® Low VOC Clear Coat 8096                                                                                                                                                                             | 2:1+0-15%                                         | 3192, 3194, 3196                                   | 3392, 3394                   | N/A                                      | 420                         |                                                                   |
| Permasolid® Low VOC Clear Coat 8096 Elasticized                                                                                                                                                                 | 2:1+0-15%                                         | 3192, 3194, 3196                                   | 3392, 3394                   | +15% 9050                                | 420                         | 9050 must be added before hardener.                               |
| Permasolid® Low VOC Clear Coat 8098                                                                                                                                                                             | 2:1+5%                                            | 3192, 3194, 3196                                   | 3392, 3394                   | N/A                                      | 420                         |                                                                   |
| Permasolid® Low VOC Clear Coat 8098 Elasticized                                                                                                                                                                 | 2:1+10%                                           | 3192, 3194, 3196                                   | 3392, 3394                   | +15% 9050                                | 420                         | 9050 must be added before hardener.                               |
| Permasolid® Low VOC Clear Coat 8098 w/ 9055                                                                                                                                                                     | See TDS 8098                                      | 3192, 3194, 3196                                   | 3392, 3392, 3394             | N/A                                      | 420                         |                                                                   |
| Permasolid® Low VOC Clear Coat 8098 w/ 8092 Matte Clear Coat Additive                                                                                                                                           | See TDS 8092                                      | 3192, 3194, 3196                                   | 3392, 3394                   | N/A                                      | 420                         | Refer to TDS for mixing instructions over both metal and plastic. |
| <b>Specialty Coatings VOC Limit = 7.0 lbs/gal (840 g/L)</b>                                                                                                                                                     |                                                   |                                                    |                              |                                          |                             |                                                                   |
| <b>Elastomeric Coatings</b>                                                                                                                                                                                     |                                                   |                                                    |                              |                                          |                             |                                                                   |
| Permacron® 1:1 Elastic Primer Surfacar 3300                                                                                                                                                                     | 1:1                                               | 3301                                               | N/A                          | N/A                                      | 840                         |                                                                   |
| 330™ Axalta Plastic Primer Surfacar Gray                                                                                                                                                                        | 1:1                                               | 331                                                | N/A                          | N/A                                      | 840                         |                                                                   |
| 320™ Axalta Plastic Primer Surfacar 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)                                                                                                                                                                          | Aerosol                                           | N/A                                                | N/A                          | N/A                                      | N/A                         |                                                                   |
| 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                         |                                                                   |
| 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                         |                                                                   |
| Permacron® Matt System Clear Coat 8165 / Permacron® Semi-Gloss System Clear Coat 8170                                                                                                                           | See Matt Clear System TDS                         | 3225, 3240                                         | 3365                         | N/A                                      | 840                         |                                                                   |
| Permasolid® Mating Component MA110 / Permacron® Semi-Gloss System Clear Coat 8170                                                                                                                               | See Matt Clear System TDS                         | 3225, 3240                                         | 3365                         | N/A                                      | 840                         |                                                                   |
| Permasolid® Matte Clear Coat Additive 8092 with 8035                                                                                                                                                            | See TDS 8092 for Mixing Recommendations           |                                                    |                              |                                          | 840                         |                                                                   |
| Permacron® 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>                                                                                                                                                                                  |                                                   |                                                    |                              |                                          |                             |                                                                   |
| Permacron® Speed Blender 1036                                                                                                                                                                                   | 4:1 w/Permacron® or Permasolid® Clear Coats (RTS) |                                                    |                              |                                          | 840                         |                                                                   |
| Permacron® Speed Blender 1036 w/8096                                                                                                                                                                            | See 1036 TDS for compliant mixing recommendations |                                                    |                              |                                          | 840                         |                                                                   |
| Permacron® Speed Blender 1036 w/8098                                                                                                                                                                            | See 1036 TDS for compliant mixing recommendations |                                                    |                              |                                          | 840                         |                                                                   |
| Permahyd® Blend-in Additive 9005                                                                                                                                                                                | 1:1 w/Permahyd® Base Coat Series 280/285 (RTS)    |                                                    |                              |                                          | 840                         |                                                                   |
| Permahyd® Blend-in Additive 9017                                                                                                                                                                                | 1:2 w/Permahyd® Base Coat Series 280/285 (RTS)    |                                                    |                              |                                          | 840                         |                                                                   |
| Permahyd® Blend-in Additive 9017                                                                                                                                                                                | +50%                                              | N/A                                                | 9016                         | N/A                                      | 840                         |                                                                   |
| Permahyd® Hi-TEC Blend-in Additive 1050 or 1051                                                                                                                                                                 | +10%                                              | N/A                                                | 6050, 6052                   | N/A                                      | 840                         |                                                                   |
| Permahyd® Hi-TEC Blend-in Additive 1050                                                                                                                                                                         | +5%                                               | N/A                                                | 1053                         | 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>                                                                                    |                                                   |                                                    |                              |                                          |                             |                                                                   |
| Permasolid® Additive Maroon 9056                                                                                                                                                                                |                                                   | See 998.0 TDS for compliant mixing recommendations |                              |                                          | 420                         |                                                                   |
| Permasolid® Additive Magenta 9057                                                                                                                                                                               |                                                   | See 998.0 TDS for compliant mixing recommendations |                              |                                          | 420                         |                                                                   |
| Permasolid® Additive Violet 9058                                                                                                                                                                                |                                                   | See 998.0 TDS for compliant mixing recommendations |                              |                                          | 420                         |                                                                   |
| Permasolid® Additive Deep Red 9049                                                                                                                                                                              |                                                   | See 998.0 TDS for compliant mixing recommendations |                              |                                          | 420                         |                                                                   |
| Permasolid® Additive Blue 9045                                                                                                                                                                                  |                                                   | See 998.0 TDS for compliant mixing recommendations |                              |                                          | 420                         |                                                                   |
| Raderal® Spray Polyester 3508                                                                                                                                                                                   | +5%                                               | 9520                                               | +5% 7690 or +2.5% 9010       | N/A                                      |                             |                                                                   |
| 766A™ 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                                      |                             |                                                                   |
| Axalta E-Coat Restore Aerosols                                                                                                                                                                                  | Ready to Use                                      | N/A                                                | N/A                          | N/A                                      | N/A                         | See TDS for compliance and usage instructions.                    |
| Permahyd® Sanding Paste 1120                                                                                                                                                                                    | Ready to Use                                      | 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](http://www.SpiesHeckerUSA.com).  
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