



**State of Maryland**  
**COMAR 26.11.19.23**  
**Control of VOC Emissions from**  
**Vehicle Refinishing (Posted 5/29/13)**  
 Compliance required by July 1, 2013



| Coating Category                         | Effective 7/1/13<br>lb/gal (g/L) |   |
|--|----------------------------------|---|
| Solvent (Surface Cleaner)*               | 0.21 (25)                        |   |
| Pretreatment Coating                     | 5.5 (660)                        |   |
| Primer / Primer Sealer / Primer Surfacer | 2.1 (250)                        |   |
| Single-Stage Coating                     | 2.8 (340)                        |   |
| Color Coating (Basecoat)                 | 3.5 (420)                        |   |
| Underbody Coating                        | 3.6 (430)                        |   |
| Clear Coating                            | 2.1 (250)                        |   |
| Uniform Finish Coating                   | 4.5 (540)                        |   |
| Adhesion Promoter                        | 4.5 (540)                        | * VOC concentration of a Surface Cleaner applies to this category |

| Product Code & Name   | Reducer | Mix Ratio | VOC content                        |
|---|---------|-----------|------------------------------------|
| <b>Solvent (Substrate Cleaner)</b>  |         |           | <b>Limit: 0.21 lb/gal (25 g/L)</b> |
| SWX350 H2O-So-Clean™ Waterborne Pre-Cleaner   | -       | -         | 0.17 ((20)                         |
| SWX360 Waterborne Pre-Cleaner   | water   | 1:2       | 0.20 (24)                          |
| CFX435LV Low VOC Cleaner  | water   | 1:1       | 0.21 (25)                          |
| SX1009 2.9 VOC Bug and Tar Remover*   | water   | 1:1       | 0.21 (25)                          |
| * E.(5)(b) For cleaning solvents used for bug and tar removal, a person may not use or apply to a motor vehicle, mobile equipment, or associated part a bug and tar remover greater than 40 percent VOC by weight as set forth in COMAR 26.11.32.04B. (SX1009 meets that standard.) |         |           |                                    |

| Product Code & Name                            | Hardener/<br>Activator | Additives         | Mix Ratio                   | Applied VOC<br>Less Water<br>Less Exempt |
|--|------------------------|-------------------|-----------------------------|--|
| <b>Pretreatment Coating</b>                    |                        |                   |                             | <b>Limit: 5.5 lb/gal (660 g/L)</b>       |
| SXA1031 Etch Primer – Gray                     | -                      | -                 | Aerosol                     | N/A                                      |
| F3946 5.5 Wash Primer                          | F3947                  | -                 | 1:1                         | 5.48 (657)                               |
| <b>Primer</b>                                  |                        |                   |                             | <b>Limit: 2.1 lb/gal (250 g/L)</b>       |
| CRE-X21 Series Epoxy Primers                   | CRE-211H               | -                 | 2:1                         | 2.08 (249)                               |
| CRE-X21 Series Epoxy Primers                   | CRE-211H               | -                 | 2:1:1/2<br>Exempt Solvent   | 2.08 (249)                               |
| MBE-200 Medium Build Epoxy Primer              | MBE-201                | -                 | 3:1                         | 2.08 (249)                               |
| ERP-X20 Fast Multi-Use Epoxy Primers           | ERP-201                | -                 | 1:1                         | 2.03 (243)                               |
| HSP-2128 2.1 VOC Tintable Polyurethane Primer  | HSP-211                | UA-11             | 102 : 20 : 6                | 2.05 (246)                               |
| MV390-9300 Aquacron® Waterborne Acrylic Primer | -                      | -                 | RTS                         | 1.78 (213)                               |
| <b>Single-Stage Coating</b>                    |                        |                   |                             | <b>Limit: 2.8 lb/gal (340 g/L)</b>       |
| ALK-280 Low VOC Acrylic Modified Alkyd Enamel  | -                      | -                 | RTS                         | 2.24 (268)                               |
| AUE-120 2K HS Interior Polyurethane Enamel     | AUE-3606A              | -                 | 4:1                         | 2.81 (337)                               |
| AUE-120 2K HS Interior Polyurethane Enamel     | AUE-3606A              | -                 | 4: 1 :1/2<br>Exempt Solvent | 2.81 (337)                               |
| AUE-280 2.8 VOC Polyurethane Enamel            | AUE-281                | UA-11 or<br>UE-28 | 4:1+ 6 oz. rts gal          | 2.76 (331)                               |
| AUE-280 LG 2.8 VOC Polyurethane Enamel         | AUE-281                | -                 | 6:1                         | 2.64 (316)                               |
| AUE-370 DTM Polyurethane                       | AUE-3501               | UA-11             | 5:1 + 6 oz. rts gal         | 2.65 (318)                               |
| AUE-370 DTM Polyurethane                       | GXH1086                | UA-11             | 4:1 + 6 oz. rts gal         | 2.8 (336)                                |
| WPM-495 Gray Water Reducible DTM               | -                      | -                 | RTS                         | 1.1 (132)                                |
| WPM-901LG Black Water Reducible DTM            | -                      | -                 | RTS                         | 1.09 (131)                               |
| MV488 Aquacron® Water Reducible Alkyd          | -                      | -                 | RTS                         | 2.8 (336)                                |
| MV380 Aquacron® Waterborne Acrylic             | -                      | -                 | RTS                         | 2.1 (250)                                |

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