



**U.S. National Rule**  
 National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings  
**40 CFR Parts 9 and 59**  
 Published: 9/11/1998 | In Effect: 1/11/1999



| Coating Category                              | lbs/gal Limit: VOC Regulatory (Less Water Less Exempts). |
|---|--|
| Pre-Treatment Wash Primer                     | 6.5  |
| Primer Surfacer                               | 4.8  |
| Primer Sealer                                 | 4.6  |
| Single Stage Coating                          | 5.0  |
| Multi Stage Coating: 2 Stage (BC/CC)          | 5.0  |
| Multi Stage Coating: 3 or more Stages (BC/CC) | 5.2  |
| Specialty Coatings                            | 7.0  |

| Product Code & Name              | Hardener/Activator | Reducer | Mix Ratio | VOC Content                    |
|----------------------------------|--------------------|---------|-----------|--------------------------------|
| <b>Solvent (Surface Cleaner)</b> |                    |         |           | Not Regulated by National Rule |
| DX103 MULTI-PREP™                | -                  | -       | -         | 6.49                           |
| DX320 Fast Evaporating Cleaner   | -                  | -       | -         | 6.31                           |
| DX330 Wax and Grease Remover     | -                  | -       | -         | 6.36                           |
| DX394 1.4 Low VOC Cleaner        | -                  | -       | -         | 1.34                           |
| DX440 Wax & Grease Remover       | -                  | -       | -         | 6.94                           |
| SXA330 Wax & Grease Remover      | -                  | -       | Aerosol   | N/A                            |
| SX1009 2.9 VOC Bug & Tar Remover | -                  | -       | -         | 2.89                           |
| SWX350 H <sub>2</sub> O-So-Clean | -                  | -       | RTS       | 0.19                           |

| Product Code & Name   | Hardener/Activator | Reducer   | Additives | Mix Ratio | Applied VOC<br>Less Water Less Exempt |
|---|--------------------|-----------|-----------|-----------|---------------------------------------|
| <b>Pretreatment Wash Primer</b>                                     |                    |           |           |           | Limit: 6.5 lbs/gal                    |
| DPX170 Self Etch Prime  | DPX17X             | -         | -         | 1:1       | 6.1                                   |
| DPX171 Non-Chrome Self Etch Prime                                   | DPX17X             | -         | -         | 1:1       | 6.1                                   |
| DX1791 Self Etch Prime  | DX1792             | -         | -         | 1:1       | 6.2                                   |
| SXA1031 Etch Primer - Gray  | -                  | -         | -         | Aerosol   | 5.6                                   |
| SX1031 Etch Primer - Gray   | -                  | -         | -         | RTS       | 6.11                                  |
| SX1071 Etch Prime   | SX1072             | -         | -         | 1:1       | 5.48                                  |
| <b>Primer / Primer Surfacer</b>                                     |                    |           |           |           | Limit: 4.8 lbs/gal                    |
| DPLF Epoxy Primer Lead Free   | DP40XLF            | -         | -         | 2:1       | 4.6                                   |
| DPLF Epoxy Primer Lead Free   | DP40XLF            | DT Series | -         | 2:1:25    | 4.8                                   |
| DPS305X Acrylic Urethane Surfacer                                   | DCX3030            | -         | -         | 4:1       | 4.21                                  |
| DPS305X Acrylic Urethane Surfacer                                   | DCX3030            | DT Series | -         | 4:1:1     | 4.68                                  |
| DPS3105 V Prime Quick Prime   | DCX303X            | DT Series | -         | 4:1:1     | 3.95                                  |
| DZ KONDAR® Acrylic Primer Surfacer                                  | -                  | DTV80X    | -         | 5:6       | 4.80                                  |
| K36 PRIMA® Primer Surfacer  | K201               | -         | -         | 5:1       | 4.22                                  |
| K36 <i>Prima</i> Primer Surfacer                                    | K201               | DT Series | -         | 5:1:1     | 4.63                                  |
| K36 <i>Prima</i> Primer Surfacer tinted w/DMD <sup>1</sup> DMC, DCC | K201 <sup>2</sup>  | DT Series | -         | 4:2:2:1   | 4.62                                  |
| K38 High Build Surfacer   | K201               | -         | -         | 4:1       | 4.2                                   |



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|---|---------------------|-----------|-----------|-----------|--|
| <b>Primer / Primer Surfacer (Cont.)</b>                               |                     |           |           |           | <b>Limit: 4.8 lbs/gal</b>                |
| NCP250 Primer Surfacer  | NCX255              | -         | -         | 4:1       | 4.8                                      |
| NCP270/271 Corrosion Resistant Primer                                 | NCX275              | -         | -         | 3:1       | 3.5                                      |
| NCP27/271 Corrosion Resistant Primer                                  | NCX275              | DT Series | -         | 3:1:5     | 3.9                                      |
| NCP271 Corrosion Resistant Primer tinted w/ DMD <sup>1</sup> ,DMC,DCC | NCX275 <sup>2</sup> | DT Series | -         | 3:1:1:1   | 4.3                                      |
| SX1060 2K Rollable Surfacer LV  | SX1061              | -         | -         | 4:1       | 4.38                                     |

|  |                    |               |   |         |                          |
|--|--------------------|---------------|---|---------|--------------------------|
| <b>Primer Sealer</b>   |                    |               |   |         | <b>Limit 4.6 lbs/gal</b> |
| DPLF Epoxy Primer  | DP40XLF            | -             | - | 2:1     | 4.6                      |
| DAS302x Acrylic Urethane Sealer  | DCX3030            | DT Series     | - | 3:1:1   | 4.6                      |
| DPLV 2.1 Epoxy Primer  | DP401LV            | DT18XX Series | - | 2:1:1   | 2.09                     |
| K36 <i>Prima</i> Wet on Wet Sealer w/<br>DMC,DMD <sup>1</sup> ,DCC,DCU2021 | DCX8 <sup>2/</sup> | DT Series     | - | 4:2:1:2 | 4.6                      |
| NCS200X DELTRON <sup>®</sup> Sealer  | NCX2020            | DT Series     | - | 2:1:1   | 4.6                      |
| NCS200X <i>Deltron</i> Sealer: Tinted w/DMC color                          | NCX2020            | DT Series     | - | 2:1:2:2 | 4.6                      |

|   |               |                  |   |       |                           |
|---|---------------|------------------|---|-------|---------------------------|
| <b>Single Stage Coating</b>               |               |                  |   |       | <b>Limit: 5.0 lbs/gal</b> |
| DCC CONCEPT <sup>®</sup> Acrylic Urethane | DU5 or DU6    | DT Series        | - | 4:2:1 | 5.0                       |
| DCC <i>Concept</i> Acrylic Urethane       | DCX9 or DCX61 | DT Series        | - | 4:1:2 | 5.0                       |
| DCC <i>Concept</i> Acrylic Urethane       | DFX11         | DT Series        | - | 2:2:1 | 5.0                       |
| DAR DELSTAR <sup>®</sup> Acrylic Enamel   | DXR80         | DT or DTR Series | - | 8:1:3 | 5.0                       |
| DAR <i>Delstar</i> Acrylic Enamel         | DU5           | DT or DTR Series | - | 4:1:1 | 5.0                       |

|                                       |      |            |   |          |   |
|---------------------------------------|------|------------|---|----------|---|
| <b>Mult-Stage Topcoats</b>            |      |            |   |          | <b>System VOC Limit 5.0<sup>3</sup> lbs/gal Less Water, Less Exempt</b> |
| <b>Basecoat</b>                       |      |            |   |          | <b>B/C Limit 6.6<sup>4</sup> lbs/gal</b>                                |
| <i>Deltron</i> DBU Universal Basecoat | -    | DRR Series | - | 1:1.5    | 6.6   |
| <i>Deltron</i> DBC Basecoat 2000      | -    | DT Series  | - | 1:1      | 6.6   |
| <i>Deltron</i> DBC Basecoat 2000      | DX57 | DT Series  | - | 1:1 + 5% | 6.36  |



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|--|------------------------------|--------------------|-----------|--------------------|---------------------------------------|
| <b>Clear Coating</b>                       |                              |                    |           |                    | <b>Limit: 4.2<sup>4</sup> lbs/gal</b> |
| DCU2002 <i>Concept</i> 2002 Urethane Clear | DCX9, DCX61                  | DT Series          | -         | 4:1:1 <sup>5</sup> | 4.1                                   |
| DCU2002 <i>Concept</i> 2002 Urethane Clear | DFX11                        | DT Series          | -         | 5:5:1              | 4.2                                   |
| DCU2021 <i>Concept</i> 2021 Urethane Clear | DCX9, DCX61                  | DT Series          | -         | 4:1:1 <sup>5</sup> | 4.1                                   |
| DCU2021 <i>Concept</i> 2021 Urethane Clear | DFX11                        | DT Series          | -         | 5:5:1              | 4.2                                   |
| DCU2042 Low VOC Speed Clear                | DCX9, DCX61                  | DT Series          | -         | 4:1:1              | 4.1                                   |
| DC2000 Ultra Velocity Clearcoat            | DCH2015                      | DR220 or DT Series | -         | 4:1:1              | 4.17                                  |
| DC3000 Deltron High Velocity Clear         | DCH3070, DCH3085,<br>DCH3095 | -                  | -         | 4:1                | 3.83                                  |
| DC4000 Deltron Velocity Premium Clear      | DCH3070, DCH3085,<br>DCH3095 | -                  | -         | 4:1                | 4.15                                  |
| DU1000 Durethane Clear                     | DU5 , DU6                    | DT Series          | -         | 1:1:.05            | 4.74                                  |

| <b>Coatings for Process Specific Purposes / Additives to Create Specialty Coatings<sup>6</sup></b>   |                              |                                     | <b>Limit: 7.0 lbs/gal</b> |
|--|------------------------------|-------------------------------------|---------------------------|
| DAU75/DXR80 Bright Metal Clear   | DX685 Flattening Additive    | SXA1033 Texture Spray               |                           |
| DBC500 Color Blender   | DX814 Flex Additive          | SXA1041 Bumper Black                |                           |
| DBU500 Color Blender   | DX840 Uniform Finish Blender | SXA1050 Plastic Adhesion Promoter   |                           |
| DCU2060 Flexed N Flat  | DX995 Flattening Additive    | SU4901 Clean and Scuff Sponge       |                           |
| DCU Clears/DX814 Flexed Clears   | DXR81 Accelerator            | SU4902 Plastic Prep Wipe            |                           |
| DPX801 Universal Plastics Primer   | NCP250/DX814 Flexed Primers  | SU4903 Advanced Plastic Bond        |                           |
| DX54 ROADGUARD   | SX1056 Flexible Sealer       | SUA4903 Advanced Plastic Bond       |                           |
| DX73 Anti Crater   | SX1057 Flexible Surfacers    | SU4985 Universal Flattening Agent   |                           |
| DX84 Accelerator   | SXA103 Multi-Prep Cleaner    | SU470LV Compliant Adhesion Promoter |                           |
| DX87 Extender  | SXA330 Wax & Grease Remover  |                                     |                           |
| D8115/D8117 Matt Clear   | SXA1030 Black Guide Coat     |                                     |                           |
| <ol style="list-style-type: none"> <li>1. No "Basecoat Only" DMD Bases</li> <li>2. Use Mixing Bases with a VOC of 4.6 lbs/gal. or less to attain recommended VOC limits</li> <li>3. The VOC limit on Tri-Coat and Quad-Coat Multi-Stage Systems is 5.2 lbs/gal.</li> <li>4. The VOC of the BC/CC (Multi-stage) system is found by BC/CC composite calculation, where the <math>VOC_{sys} = (VOC_{bc} + 2VOC_{cc}) / 3</math>, as specified by current air quality regulations.</li> <li>5. If desired, add ½ oz. of DX84 or DX87 to DCU2002 or add ½ oz. of DX84 to DCU2021.</li> <li>6. Specialty coatings include, but are not limited to, the listed products.</li> </ol> |                              |                                     |                           |

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