



# Tennessee VOC Chart

## MOBILE EQUIPMENT REFINISHING OPERATIONS

### 1200-03 Chapter 18 Section 45



Effective: 11/15/1996

Facilities located in Davidson, Rutherford, Sumner, Williamson or Wilson County whose potential emissions is greater than 15 lbs. of volatile organic compounds (VOC 's) per day.

Coating Category	lbs/gal (g/L) Limit: VOC Regulatory (Less Water Less Exempts).	
Pre-Treatment Wash Primer	6.5 (780)	
Primer/Primer Surfacer	4.8 (576)	
Primer Sealer	4.6 (552)	
Topcoat—Single Stage Coating	5.0 (600)	
Multi-Stage Topcoat 2-stage (BC/CC)	5.0 (600)	
Multi-Stage Topcoat 3 or more stage (BC/CC)	5.2 (624)	
Specialty Coating	7.0 (840)	
Surface Preparation (cleaner)	1.7 (200)*	

\* VOC content value

Product Code & Name	Hardener/ Activator	Reducer	Mix Ratio	VOC Content
<b>Surface Preparation</b>				<b>Limit: 1.7 lbs/ gal</b>
DX394 1.4 Low VOC Cleaner	-	-	-	1.34
SU4901 Clean and Scuff Sponge	-	-	-	0.06
SWX350 H2O-So-Clean™	-	-	-	0.2
SX1005 0.4 Low VOC Cleaner	-	-	-	0.4

Product Code & Name	Hardener/Activator	Reducer	Additives	Mix Ratio	Applied VOC Less Water Less Exempt
<b>Pretreatment Coatings</b>					<b>Limit: 6.5 lbs/gal</b>
DX171 Non-Chrome Self Etch Primer	DPX172 or DPX173	-	-	1:1	6.1
DX1791 Self Etching Primer	DPX1792	-	-	1:1	6.2
SXA1031 Etch Primer - Gray	-	-	-	Aerosol	N/A
SX1031 Etch Primer - Gray	-	-	-	RTS	6.11
SX1071 Etch Prime	SX1072	-	-	1:1	5.48
<b>Primer/Primer Surfacer</b>					<b>Limit: 4.8 lbs/gal</b>
DPLF Epoxy Primer Lead Free	DP401LF or DP402LF	-	-	2:1	4.6
DPLF Epoxy Primer Lead Free	DP401LF or DP402LF	DT Series	-	2:1: ¼	4.8
DPS305x Acrylic Urethane Surfacer	DCX3030	-	-	4:1	4.21
DPS305x Acrylic Urethane Surfacer	DCX3030	DT Series	-	4:1:1	4.68
DS1002 UV Cured Primer Surfacer	-	-	-	Aerosol	3.68
DZ KONDAR® Acrylic Primer Surfacer	-	DTV801 or 802	-	5:6	4.8
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	toner	4:1:2:2	4.62



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Primer/ Primer Surfacer (cont.)					Limit: 4.8 lbs/gal
K38 High Build Primer Surfacer	K201	-		4:1	4.2
K93 Tintable Primer Surfacer w/ DMD <sup>1</sup> ,DMC,DCC	K201 <sup>2</sup>	DT Series	Toner	4:1:1:1	4.7
NCP250 NCT <sup>®</sup> Primer Surfacer	NCX255	DT Series		4:1	4.8
NCP270/271 Corrosion Resistant Primer	NCX275	DT Series		3:1	3.5
NCP270/271 Corrosion Resistant Primer	NCX275	DT Series		3:1:½	3.9
NCP270/271 Corrosion Resistant Primer: tinted w/ DMD, DMC, DCC	NCX275 <sup>2</sup>	DT Series	Toner	4:1:1 <sup>5</sup>	4.3
SX1060 2K Rollable Surfacer LV	SX1061			4:1	4.38

Product Code & Name	Hardener/Activator	Reducer	Additives	Mix Ratio	Applied VOC Less Water Less Ex-empt
<b>Primer Sealer</b>					<b>Limit: 4.6 lbs/ gal</b>
DPLF Epoxy Primer	DP401LF or DP402LF			2:1	4.6
DAS302x Acrylic Urethane Sealer	DCX3030	DT Series		3:1:1	4.6
K36 <i>Prima</i> Wet-on-Wet sealer: DMC, DMD <sup>1</sup> , DCC, DCU2021	DCX8 <sup>2</sup>	DT Series	Toner	4:1:2:2	4.6
K93 Tintable Primer Sealer: DMC, DMD <sup>1</sup> , DCC	DCX8 <sup>2</sup>	DT Series	Toner	4:1:2:2	4.6
NCS200x <i>Deltron</i> Sealer	NCX2020	DT Series		2:1:1	4.6
NCS200x <i>Deltron</i> Sealer: tinted with DMC color	NCX2020	DT Series	Toner	2:1* : 2 : 2 (*DMC tint only)	4.6

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

**Multi Stage Topcoats** System VOC Limit : 5.0<sup>3</sup> lbs/gal Less water, Less Exempt

Multi Stage Basecoat					B/C Limit: 6.6 <sup>4</sup> lbs/gal
<i>Deltron</i> DBU) Universal Basecoat		DRR Series	-	1:1½	6.6
<i>Deltron</i> 2000 (DBC) Basecoat		DT Series	-	1:1	6.6
<i>Deltron</i> 2000 (DBC) Basecoat		DT Series	DX57	1:1 + 5%	6.36



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Product Code & Name	Hardener/Activator	Reducer	Additives	Mix Ratio	Applied VOC Less Water Less Exempt
<b>Multi Stage Clear Coating</b>					<b>Limit: 4.2<sup>4</sup> lbs/ gal</b>
DCU2002 <sup>5</sup> <i>Concept</i> 2002 Urethane Clear	DCX8, DCX9 or 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 <sup>5</sup> <i>Concept</i> 2021 Urethane Clear	DCX8, DCX9 or 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 or DCX61	DT Series		4:1:1	4.1
DC2000 Ultra Velocity Clearcoat	DCH2015	DR220 / DT Series		4:1:1	4.17
DC3000 <i>Deltron</i> High Velocity Clear	DCH3070, DC3085, DCH3095	-		4:1	3.98
DC4000 <i>Deltron</i> Velocity Premium Clear	DCH3070, DC3085, DCH3095	-		4:1	4.15

<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	DX87 Extender	SXA1033 Texture Spray	
DBC500 Color Blender	DX369 FLEXATIVE	SXA1041 Bumper Black	
DBU500 Color Blender	DX685 Flattening Additive	SU4985 Universal Flattening Agent	
DCU2060 Flexed N Flat	DX814 Flex Additive	SXA1050 Plastic Adhesion Promoter	
DCU Clears/DX814 Flexed Clears	DX840 Blend-Ease Universal Blending Solvent	SU4901 Clean and Scuff Sponge	
DPLF Epoxy Weld thru coating	DX995 Flattening Additive	SU4902 Plastic Prep Wipe	
DPX801 Universal Plastics Primer	DXR81 Accelerator	SU4903 Advanced Plastic Bond	
DU1000 Durethane Clear	NCP250/DX814 Flexed Primers	SUA4903 Advanced Plastic Bond	
DX54 ROADGUARD®	SX1056 Flexible Sealer	D8115/D8117 Matt Clear	
DX73 Anti Crater	SX1057 Flexible Surfacers		
DX84 Accelerator	SXA1030 Black Guide Coat		

1. No "Basecoat Only" DMD Bases
2. Use Mixing Bases with a VOC of 4.6 lbs/gal. or less to attain recommended VOC limits
3. The VOC limit on Tri-Coat and Quad-Coat Multi-Stage Systems is 5.2 lbs/gal.
4. The VOC of the BC/CC (Multi-stage) system is found by BC/CC composite calculation, where the  $VOC_{sys} = (VOC_{bc} + 2VOC_{cc}) / 3$ , as specified by current air quality regulations.
5. If desired, add ½ oz. of DX84 or DX87 to DCU2002 or add ½ oz. of DX84 to DCU2021.
6. Specialty coatings include, but are not limited to, the listed products.

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