



National Rule VOC Chart

Automotive Refinish Coatings



Coating Category	Limit
Pretreatments Wash Primers	6.5
Primer/Primer Surfacer	4.8
Primer Sealer	4.6
Topcoat – Single Stage Stage	5.0
Multi-Stage Topcoat 2-stage (BC/CC)	5.0
Multi-Stage Topcoat 3 or more stage (BC/CC)	5.2
Specialty Coatings	7.0

Product Code & Name	Reducer	Hardener/ Activator	Mixing Ratio	Applied VOC
Surface Cleaners				Not Regulated by National Rule
DX103 MULTI-PREP™	-	-	-	6.5
DX320 Fast Evaporating Cleaner	-	-	-	6.31
DX330 ACRYLI-CLEAN® Wax and Grease Remover	-	-	-	6.36
DX394 1.4 Low VOC Cleaner	-	-	-	1.34
DX440 DITZ-O® Wax and Grease Remover	-	-	-	6.94
SX1005 0.4 Low VOC Cleaner	-	-	-	0.4
SXA330 Wax & Grease remover	-	-	Aerosol	5.77
Metal Pretreatments				Not Regulated by National Rule
DX501 Invisible Aluminum Conditioner	Water	-	1:1	0.0
DX503 Aluminum Conditioner	-	-	-	0.0
DX520 Metal Conditioner	-	-	-	0.0
DX533 Aluminum Cleaner	Water	-	1:3	0.2
DX579 Metal Cleaner	Water	-	1:2	0.6

Product Code & Name	Reducer	Hardener/ Activator	Mixing Ratio	Applied VOC Less Water Less Exempt
Pretreatment Coating				Limit: 6.5 lbs/gal
DPX170 Self Etch Primer	-	DPX172 or DPX173	1:1	6.1
DPX171 Non-Chrome Self Etch Primer	-	DPX172 or DPX173	1:1	6.1
DX1791 Self Etching Primer	-	DX1792	1:1	6.2
SXA1031 Etch Primer – Gray	-	-	Aerosol	5.6
SX1031 Etch Primer – Gray	-	-	RTS	6.11
Primer/ Primer Surfacer				Limit: 4.8 lbs/gal
DPLF Epoxy Primer Lead Free	-	DP401LF or DP402LF	2:1	4.6
DPLF Epoxy Primer Lead Free	DT Series	DP401LF or DP402LF	2:1/4:1	4.8
DPS 305x Acrylic Urethane Surfacer	-	DCX3030	4:1	4.21
DPS 305x Acrylic Urethane Surfacer	DT Series	DCX3030	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
K36PRIMA™ Primer Surfacer	-	K201	5:1	4.22
K36PRIMA™ Primer Surfacer	DT Series	K201	5:1:1	4.63
K36PRIMA™ Primer Surfacer: tinted w/ DMD ¹ , DMC, DCC	DT Series	K201 ²	4:2:1:2	4.62
K38 High Build Primer Surfacer	-	K201	4:1	4.2
K93 Tintable Primer Surfacer: tinted w/ DMD ¹ , DMC, DCC	DT Series	K201 ²	4:1:1:1	4.7
NCP250 NCT® Primer Surfacer	-	NCX255	4:1	4.8
NCP270/NCP271 Corrosion Resistant Primer	-	NCX275	3:1	3.5
NCP270/NCP271 Corrosion Resistant Primer	DT Series	NCX275	3:1/2:1	3.9
NCP271 Corrosion Resistant Primer: tinted w/ DMD ¹ , DMC, DCC	DT Series	NCX275 ²	3:1:1:1	4.3
SX1060 2K Rollable Surfacer LV	-	SX1061	4:1	4.38
Primer Sealer				Limit: 4.6 lbs/gal
DPLF Epoxy Primer	-	DP401LF or DP402LF	2:1	4.6
DAS302x Acrylic Urethane Sealer	DT Series	DCX3030	3:1:1	4.6
K36 PRIMA™ Wet-on-Wet sealer: DMC, DMD ¹ , DCC, DCU2021	DT Series	DCX8 ²	4:2:2:1	4.6
K93 Tintable Primer Sealer: DMC, DMD ¹ , DCC	DT Series	DCX8 ²	4:2:2:1	4.6
NCS200x Deltron Sealer	DT Series	NCX2020	2:1:1	4.6
NCS200x Deltron Sealer: tinted with DMC color	DT Series	NCX2020	2:1* : 2 : 2 (*DMC tint only)	4.6



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

Multi-Stage Topcoats		System VOC Limit: 5.0³ lbs/gal Less Water, Less Exempt		
Basecoat		B/C Limit: 6.6⁴ lbs/gal		
DELTRON® (DBU) Universal Basecoat	DRR Series	-	1:1½	6.6
DELTRON® 2000 (DBC) Basecoat	DT Series	-	1:1	6.6
DELTRON® 2000 (DBC) Basecoat	DT Series	DX57	1:1 + 5%	6.36
Clear		Clear Limit: 4.2⁴ lbs/gal		
DCD35 Clear	-	DU5 or DU6	2:1	3.5
DCD35 Clear	DT Series	DU5 or DU6	2¾:1	4.2
DCD35 Clear	DT Series	DFX11	3:1:3	4.2
DCU2002 CONCEPT® 2002 Urethane Clear	DT Series	DCX8, DCX9 or DCX61	4:1:1 ⁵	4.1
DCU2002 CONCEPT® 2002 Urethane Clear	DT Series	DFX11	5:1:5	4.2
DCU2021 CONCEPT® 2021 Urethane Clear	DT Series	DCX8, DCX9 or DCX61	4:1:1 ⁵	4.1
DCU2021 CONCEPT® 2021 Urethane Clear	DT Series	DFX11	5:1:5	4.2
DCU2035 DIAMOND COAT® PLUS 3.5 VOC Clear	DT Series	DCX8, DCX9 or DCX61	4:1:2 + DX84/87 @ 1 oz./RTS qt.	3.5
DCU2042 Low VOC Speed Clear	DT Series	DCX9 or DCX61	4:1:1	4.1
DCU2055 Low VOC Clear	DT Series	DCX9 or DCX61	3½:1 + DX84 or DX87 @ 1 oz./RTS qt.	3.41
DCU2082 Strato Clear	-	DCH2083, DCH2084, DCH2085	2:1	4.2
DC3000 Deltron High Velocity Clear	-	DCH3070, DC3085, DCH3095	4:1	3.98
DC4000 Deltron Velocity Premium Clear	-	DCH3070, DC3085, DCH3095	4:1	4.15
DU1000 Durethane Clear	DT Series	DU5 or DU6	1½:1	4.74

Coatings for Process Specific Purposes / Additives to Create Specialty Coatings⁶		Limit: 7.0 lbs/gal Less Water Less Exempt
DAU75/DXR80 Bright metal Clear	DX87 Extender	SXA330 Wax & Grease remover
DBC500 Color Blender	DX369 FLEXATIVE®	SXA1030 Black Guide Coat
DBU500 Color Blender	DX685 Flattening Additive	SXA1033 Texture Spray
DCU2060 Flexed N Flat	DX814 Flex Additive	SXA1041 Bumper Black
DCU Clears/DX814 Flexed Clears	DX840 Blend-Ease Universal Blending Solvent	SXA1043 Flexible Sealer
DPLF Epoxy Weld thru coating	DX995 Flattening Additive	SXA1044 High Build Flexible Surfacer
DPX801 Universal Plastics Primer	DXR81 Accelerator	SXA1050 Plastic Adhesion Promoter
DX54 ROADGUARD®	NCP250/DX814 Flexed Primers	SU4901 Clean and Scuff Sponge
DX73 Anti Crater	SX1056 Flexible Sealer	SU4902 Plastic Prep Wipe
DX76 Super Accelerator	SX1057 Flexible Surfacer	SU4903 Advanced Plastic Bond
DX84 Accelerator	SXA103 Multi-Prep Cleaner	SUA4903 Advanced Plastic Bond

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 $VOC_{sys} = (VOC_{bc} + 2VOC_{cc}) \div 3$, 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.