



State of Maryland
Control of VOC Emissions from Vehicle Refinishing
COMAR 26.11.19.23
In Effect: 7/1/2013



Coating Category	lbs/U.S. gal (g/L) Limit: VOC Regulatory (Less Water Less Exempts).	
Solvent (Surface Cleaner)*	0.21 (25)	
Pretreatment Coating	5.5 (660)	
Primer / Primer Surfacer	2.1 (250)	
Primer Sealer	2.1 (250)	
Single Stage Coating	2.8 (340)	
Color Coating	3.5 (420)	
Underbody Coating	3.6 (430)	
Clear Coating	2.1 (250)	
Adhesion Promoter	4.5 (540)	*VOC content applies to this category only

Product Code & Name	Hardener/ Activator	Reducer	Mix Ratio	VOC Content
Solvent (Surface Cleaner)				Limit: 0.21 lbs/gal (25 g/L)
SWX350 H ₂ O-SO-CLEAN® Wax & Grease Remover	-	-	-	0.17 (20)
SX1009 2.9 VOC Bug and Tar Remover*	*	*	*	2.89 (345)

* 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/Activator	Reducer	Additives	Mix Ratio	Applied VOC Less Water Less Exempt
Pre-Treatment Coatings					Limit: 5.5 lbs/gal (660 g/L)
SX2071 Etch Primer	SX2072	-	-	2:1	2.05 (246)
SXA1031 Etch Primer - Gray	-	-	-	Aerosol	N/A
Primer Surfacer					Limit 2.1 lbs/gal (250 g/L)
JP211 Gray Polyester Primer / Filler	MEKP	-	-	1 oz. per quart	1.36 (163)
JP35X 2.1 VOC Multi-Purpose Primer	JH358	JR55X	-	4:1:2	2.05 (246)
JP390 2.1 VOC Epoxy Primer - Gray	JH397	JR55X	-	2:1:1	2.07 (248)
Primer Sealer (apply over previously coated surfaces)					Limit: 2.1 lbs/gal (250 g/L)
JP35X 2.1 VOC Multi-Purpose Primer	JH358	JR55X	JC78x, or JC7200	3:1:1:1	2.09 (250)
JP36X Series 2.1 VOC Urethane Sealers	JH358	JR55X	-	4:1:1	2.09 (250)
JP390 2.1 VOC Epoxy Primer - Gray	JH397	JR55X	-	2:1:2	2.07 (248)
Single Stage Coating					Limit: 2.8 lbs/gal (340 g/L)
JTX 2.8 VOC Direct Gloss Acrylic Urethane	JH6028	JR55X	-	4:1:2	2.80 (335)
JLX 2.8 VOC Acrylic Enamel	JH6028	JR55X	-	4:1:1	2.76 (331)
Basecoat for Multi Stage Topcoat System					Limit: 3.5 lbs/gal (420 g/L)
JBX 3.5 Acrylic Basecoat	-	JR29X	-	1:1	3.48 (417)
Use JBPX blend to spray mix recommendation without JH6028 only with new color formulas that contain J179					
JBPX 3.5 VOC Acrylic Urethane Basecoat	-	JR55X	-	1:1	3.49 (419)
Use JBPX blend to spray mix recommendations with JH6028 with all historic color formulas that contain J136					
JBPX 3.5 VOC Acrylic Urethane Basecoat	JH6028	JR55X	-	10:1:10	3.48 (417)
JBPX 3.5 VOC Acrylic Urethane Basecoat	JH6028	JR55X	-	10:1:5	3.48 (417)



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Product Code & Name	Hardener/Activator	Reducer	Additives	Mix Ratio	Applied VOC Less Water Less Exempt
Clear Coating					Limit: 2.1 lbs/gal (250 g/L)
JC830 2.1 VOC Production Clear	JH8370, JH8380, JH8390	JR555, JR556	-	4:1:0.5	2.08 (249)
JC7200 2.1 VOC European Clearcoat	JH72XX	-	-	2:1	2.08 (249)

Additional Products (listing not intended to be all inclusive)

SLV4985 Universal Flattening Agent	SU4901 Clean and Scuff Sponge	SXA1044 High Build Flexible Surfacers (Aerosol)
SLV73 Fisheye Eliminator	SUA4903 Advanced Plastic Bond (Aerosol)	SXA1050 Plastic Adhesion Promoter (Aerosol)
SLV814 Universal Flexibilizer	SWX100 Waterborne Gun Cleaner	SX1047 High Build WB Flexible Surfacers
SLV840 Uniform Finish Blender	SXA840 Uniform Finish Blender (Aerosol)	SU470LV 1K Compliant Adhesion Promoter
SLV898 Retarder	SXA1030 Black Guide Coat (Aerosol)	

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