







New Definitions

PEARLESCENT means exhibiting various colors depending on the angles of illumination and viewing, as observed in mother-of-pearl.

GONIOAPPARENT means a change in appearance with a change in the angle of illumination or the angle of view, as defined according to ASTM E 284.

Faux Finishing/Japans

Category	SWA VOC		Percent Sales		Total Product Count	
	2008	2009	2008	2009	2008	2009
All	187	185			493	491
Metallic	150	122	20%	19%	196	214
Glaze	348	339	20%	19%	83	63
Japans	383	380	2%	2%	27	24
Pearlescent	264	310	1%	5%	16	18
Miscellaneous	130	171	55%	60%	159	140
Total Gallons					98,942	70,008

Faux Finishing/Japans*

CATEGORY	Year	VOC							Total	#	Above Prop. Limit		Below Prop. Limit	
		Limit	Prop	SWA	Max	Avg	Min	Total			#	Total	#	
Faux Finishing	2008	350	150	110	790	136	0	76,093	296	16,221	127	59,871	169	
Faux Finishing	2009	350	150	114	790	128	0	54,580	303	11,689	131	42,891	172	
Japans/ Glazes	2008	350	150	65	746	162	0	18,469	44	18,457	43	12	1	
Japans/ Glazes	2009	350	150	58	746	173	0	12,055	41	12,055	41	0	0	

* Numbers are based on product name or brand name from Rule 314 data.

Graphic Arts & Metallic Pigmented Coatings

CATEGORY	Year	VOC						Total	#	Above Prop. Limit		Below Prop. Limit	
		Limit	Prop	SWA	Max	Avg	Min			Total	#	Total	#
Graphic Arts	2008	500	150	156	496	135	11	12,464	206	4,073	103	8,391	103
Graphic Arts	2009	500	150	157	496	132	0	7,459	205	2,892	101	4,567	104
Metallic Pigmented	2008	500	150	177	498	258	0	11,950	58	3,881	37	8,069	21
Metallic Pigmented	2009	500	150	176	498	260	0	10,405	59	3,395	39	7,011	20

Proposed VOC Limits & Potential Reductions

Category	Current Limit (g/L)	Proposed Limit (g/L)	Emission Reduction 2008 (#/day)	Emissions Reductions 2009 (#/day)
Faux Finishing	350	150	30	17
Japans/Glazes	350	350 *	N/A	N/A
Graphic Arts	500	150	11	6
Metallic Coatings	500	150	23	19

* Still under evaluation; waterborne formulation available and being evaluated by local studios.

Comment

 Keep definition and VOC limit consistent with CARB SCM, including the optional clear coat.

Response

 Staff currently considers the clear topcoat to be either a flat or non-flat.

 Compliant clear topcoats currently available.

Comment

Drop the gonioapparent requirement.

Response

Significant rule circumvention when mica was included in metallic pigmented coating definition.

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Comment

Higher VOC limit is needed for proper alignment of metal flake.

Response

Staff is not proposing to include metal flake in the definition of faux finishes.

Many low and near-zero VOC metal pigmented coatings currently available.

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Comment

Lower limits for Japans and Glazes maybe feasible but the Faux Coatings need the higher VOC.

Response

Staff visited with the studios and will continue to evaluate Japans at this time, but is proposing to keep a reduced VOC limit for Faux Coatings.

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Contact

 Rule Amendment
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