

IEQ 4.1 Adhesives and Sealants - Request for grouping by customer			
Adhesives, Sealants and Sealant Primers shall comply with South Coast Air Quality Management District (SCAQMD) Rule #1168. Volatile organic compound (VOC) limits listed in the table below correspond to an effective date of July 1, 2005			
This needs either calculation from formula, or testing.			
Architectural Applications	VOC Limit [g/L less water]	Substrate Specific Applications	VOC Limit [g/L less water]
Indoor Carpet Adhesives	50	Metal to Metal	30
Carpet Pad Adhesives	50	Plastic Foams	50
Wood Flooring Adhesives	100	Porous Material (except wood)	50
Rubber Floor Adhesives	60	Wood	30
Subfloor Adhesives	50	Fiberglass	80
Ceramic Tile Adhesives	65		
VCT & Asphalt Adhesives	50	Sealants	VOC Limit [g/L less water]
Drywall & Panel Adhesives	50	Architectural	250
Cove Base Adhesives	50	Nonmembrane Roof	300
Multipurpose Construction Adhesives	70	Roadway	250
Structural Glazing Adhesives	100	Single-Ply Roof Membrane	450
		Other	420
Specialty Applications	VOC Limit [g/L less water]		
PVC Welding	510	Sealant Primers	VOC Limit [g/L less water]
CPVC Welding	490	Architectural Non Porous	250
ABS Welding	325	Architectural Porous	775
Plastic Cement Welding	250	Other	750
Adhesive Primer for Plastic	550		
Contact Adhesive	80	Aerosol Adhesives	VOC weight [g/L less water]
Special Purpose Contact Adhesive	250	Aerosol Adhesives must comply with Green Seal Standard for Commercial Adhesives GS-36 requirements in effect on October 19, 2000.	
Structural Wood Member Adhesive	140	General purpose mist spray	65% VOCs by weight
Sheet Applied Rubber Lining Operations	850	General purpose web spray	55% VOCs by weight
Top & Trim Adhesive	250	Special purpose aerosol adhesives (all ty	70% VOCs by weight
Explanation - "g/L minus water" is calculated after this formula:			
- normal case:			
= ([g all volatiles] - [g water] - [g exempt compounds]) / ([l material] - [l water] - [l exempt compounds])			
- or for products with less than 120 g/l solids:			
= ([g all volatiles] - [g water] - [g exempt compounds]) / [l material]			
For comparison - EU Decopaint Directive, VOC % w/w calculation			
= [kg VOC] x 100 / [kg material]			