



## VOC Regulations for Wood Floor Finishes & Sealers

AIM End Use Clear Wood Finish	Current VOC (g/L) Limits			
	AIM/Federal	California	LADCO/OTC	SCAQMD (Rule 1173)
Varnish	450	350	350	275
Sanding Sealer	550	350	350	275
Lacquer	680	550	550	275
Stains (clear & semitransparent)	550	250	250	100

Exceedance Fee: Federal Regulation 40 CFR Part 59, Subpart D allows for a coatings manufacturer to produce varnishes up to 550 VOC by paying an exceedance fee. Stricter State regulations will supersede Federal Regulation and do not allow for exceedance fees.

VOC	Formulating Approaches	Recommended Products
275 g/L	<ul style="list-style-type: none"> <li>• OMU reduced with an exempt solvent (also for 350 g/L)</li> <li>• Water-based Polyurethane Dispersion</li> </ul>	EPS 4431, EPS 4431/4854 EPS 4213
350 g/L	<ul style="list-style-type: none"> <li>• High Solids OMU</li> <li>• To increase hardness (MFMA), blend <math>\geq</math> 25% conventional urethane resins (use exempt solvents to lower viscosity)</li> </ul>	EPS 4854, EPS 4843 EPS 4655, EPS 4627, EPS 4402
450 g/L	<ul style="list-style-type: none"> <li>• 60% solids OMU or Uralkyd</li> <li>• Blends of conventional solids 50-55% solids OMU/Uralkyd with HS OMU</li> </ul>	EPS 4627, EPS 4402
550 g/L	<ul style="list-style-type: none"> <li>• Conventional solids Oil Modified Urethanes (OMU) and Uralkyds,</li> <li>• EXCEEDANCE Fee applies (Not for California or OTC)</li> </ul>	Above and EPS 4401, EPS 4655,

Questions? Call EPS Technical Service @ 1-800-601-8111

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