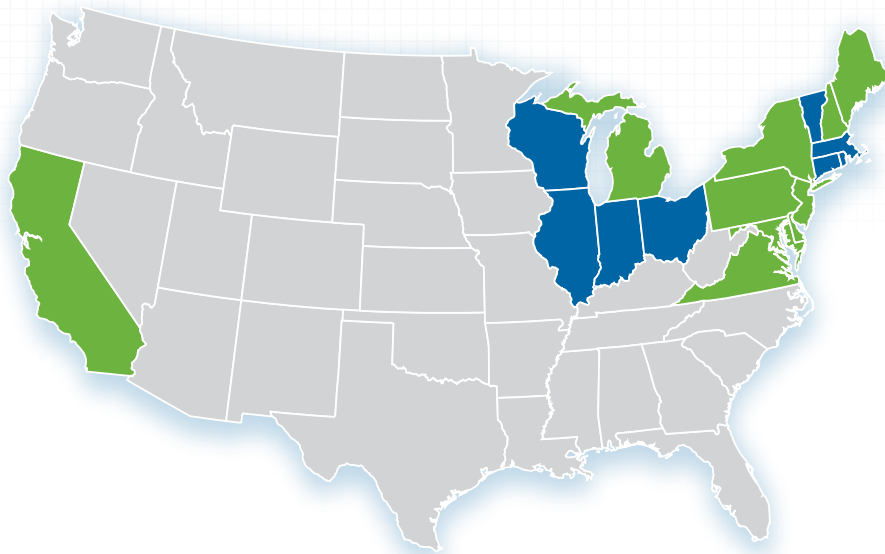


VOC REGULATIONS

Solvent-based products produce volatile organic compounds (VOCs) during the curing process. It is these compounds that react with atmospheric ozone, along with particulate, to form smog. In addition, the effects of VOCs pose health risks for installers as well as homeowners. This is why many states have started to regulate solvent-based products and shift towards safer products, such as water-based adhesives that reduce exposure to harmful VOCs.

Determine If It's VOC-Compliant: Adhesives are considered safe based on the amount of VOCs in them. The lower the VOC number, the more environmentally friendly that product will be. VOC content can be found on the product label or Material Safety Data Sheet.

Sizes Affected: States that currently regulate VOC levels have restrictions for consumer products – 16 fl. oz. or less and all sizes of aerosols. Adhesives in sizes larger than 16 fl. oz. are still safe to sell except for certain parts of California, where regulations differ.



- States with VOC regulations:**
CA, PA, NY, NJ, MD, DC, DE, ME, MI, NH, VA (Northern Counties)
 - States with expected regulations:**
WI, IL, IN, CN, MA, VT, OH, RI
- Nationwide EPA regulations expected in 2009

VOC Regulation Guide**

Product Category	VOC % by weight	VOC g/L
Caulks & Sealants	4%	~60 g/L

**Does not reflect South Coast Limits for CA

How To Prepare For VOC Regulations: If you currently sell adhesives in a state that regulates VOCs, you have probably already switched to VOC-compliant adhesives. If you haven't, you should be prepared for customer demand and/or state regulations. It is important to know that switching from a solvent-based product to a low VOC or a solvent-free product does not mean you will be compromising performance. In most cases, environmentally safe products perform just as well as their solvent-based counterparts without negative environmental impacts.

	XtraBond®9500 Modified Hybrid Sealant	Standard Polyurethane	Solvent-Based
Water Clean-Up		X	X
Non-Toxic			X
Non-Flammable			X
VOC-Compliant			X
Waterproof			
Interior/Exterior Applications			
Wet & Frozen Lumber			
Cold Weather Extrusion			
Passes ASTM D3498 Strength Test			
Freeze/ Thaw Stable			
	Compliant	Compliant	Non-Compliant

