



IMPROVING AIR QUALITY BY REGULATING SINGLE-PLY ROOFING PRODUCTS

On October 3, 2008, Connecticut Department of Environmental Protection (DEP) adopted a new regulation, section 22a-174-44 of the Regulations of Connecticut State Agencies (Section 44), to limit the amount of volatile organic compounds (VOC) in adhesives, sealants and primers. Reducing VOC, precursors of harmful ground-level ozone, assists Connecticut to comply with federal health-based standards for ozone and provides important public health benefits.

Section 44 achieves VOC reductions through two basic components: sale and manufacture restrictions that limit the VOC content of more than 40 adhesives, sealants and primers sold in the state; and use restrictions that, in general, apply to commercial/industrial operations and architectural trades.

Requirements for Single-Ply Roofing Adhesives, Sealants and Adhesive Primers

Manufacturers, distributors, retail sellers and users of single-ply roofing membrane adhesive, sealant and adhesive primer are subject to Section 44, which means selling and using products that meet the VOC content limits in the designated timeframe.

VOC content limits

Manufacturers, distributors, retail sellers and users must sell or use only products that meet the following VOC content limits:

<i>Category</i>	<i>As applied VOC content limit (g VOC/L)</i>
Single-ply roof membrane installation or repair adhesive	250
Single-ply roof membrane sealant	450
Single-ply roof membrane adhesive primer	250

Schedule for compliance

Users of single-ply roof membrane products have a phased-in compliance schedule, which requires the use of low-VOC roof products only in summer months in 2009, 2010 and 2011, as follows:

For 2009: June 1 through August 31

For 2010 & 2011: May 1 through September 30

Beginning on January 1, 2012, products that meet the VOC content limits must be used at all times.

Prior to January 1, 2012, manufacturers, distributors and retail sellers may sell any single-ply roof membrane installation or repair adhesive, single-ply roof membrane sealant or single-ply roof membrane adhesive primer, regardless of VOC content.

On and after January 1, 2012, only products that meet the VOC content limits may be sold.

For More Information

Section 44 and other Connecticut air quality regulations are available on DEP's website at the following location: http://www.ct.gov/dep/cwp/view.asp?a=2684&q=322184&depNav_GID=1619

To track new regulatory proposals and public participation opportunities, see DEP's website at the following location: http://www.ct.gov/dep/cwp/view.asp?a=2684&q=331220&depNav_GID=1619

To speak to a person about the air quality regulations: Call Merrily Gere at 860-424-3416 or Susan Amarello at 860-424-3442.

To pose a question in writing: Send an electronic message to merrily.gere@ct.gov or susan.amarello@ct.gov.