



## OTC Regulation Rules for Adhesives and Sealants

Increased regulations in the Northeast to reduce emissions of volatile organic compounds (VOC) resulting from the application of adhesives, sealants and primers have required Mule-Hide to continue development of low-VOC substitutes.

The language within the regulations varies by state but essentially indicates that any person who sells, offers for sale, supplies or uses an adhesive, sealant or primer that does not meet the VOC content limits set forth will be in violation of the regulations. Mule-Hide will not be able to sell or ship non-compliant products to these states during the regulated period.

States following the OTC 2006 Model Rule:

- Connecticut
- District of Columbia
- Delaware
- Maine
- Maryland
- New Jersey
- New York
- Pennsylvania
- Rhode Island

In addition select areas of Ohio, Utah and Virginia are also following the OTC 2006 Model Rule.

State/Region	Further Rule Information
Ohio – Cleveland Control Area	<a href="#">3745-21-28</a>
Utah/Nonattainment Area	<a href="#">307-342 - Adhesives and Sealants</a>
Virginia – OTC Control Area	<a href="#">9VAC5 45 - Article 6</a> <a href="#">9VAC5-45-620 thru 9VAC5-45-750</a>

Most of the states with current VOC regulations are members of the Ozone Transportation Commission (OTC), which is made up of 12 states and the District of Columbia in the Northeast and Mid-Atlantic regions of the U.S. However, not all members of the OTC have VOC regulations in effect.

Vermont is also considering the OTC Model Rule.

California follows its own [Rule 1168 Adhesives and Sealant Applications](#).



In addition, the following areas are currently following the EPA Control Techniques Guidelines for Miscellaneous Industrial Adhesives:

State/Region	Further Rule Information
Illinois & Indiana/ Chicago Control Area	<a href="#">326 IAC 8-22</a>
Georgia/ Atlanta Control Area	<a href="#">391-3-1-.02, Section YYY - VOC Emissions from the Use of Miscellaneous Industrial Adhesives</a>

### Low-VOC Compliant Products

Mule-Hide offers the following products as low-VOC alternatives. Please note, all PVC adhesives are VOC compliant.

EPDM	Compliant Alternative
EPDM Bonding Adhesive	EPDM x-23 Low-VOC Bonding Adhesive, Low-VOC Bonding Adhesive or Acrylic Water Base Bonding Adhesive
Black Splice Adhesive	Black In-Seam Tape
White Splice Adhesive	White In-Seam Tape
EPDM Tape Primer	Low-VOC Primer
Weathered Membrane Cleaner	Low-VOC Weathered Membrane Cleaner (CA & UT only)
TPO	Compliant Alternative
TPO Bonding Adhesive	Low-VOC Bonding Adhesive, Aqua Base 120 or Acrylic Water Base Bonding Adhesive (Fleece Back only)
TPO Tape Primer	Low-VOC Primer
Walkable PVC	Compliant Alternative
DecTec SBA 100 Solvent Adhesive	DecTec WBA 100 or DecTec SBA 200 Low VC Adhesive

*Products packaged in 16 oz. or smaller tubes are exempt.*

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