

# VOC Compliance for Auto Body Shops



**NEW JERSEY SMALL BUSINESS  
ENVIRONMENTAL ASSISTANCE PROGRAM**



## VOC Regulations: N.J.A.C. 7:27-16.12

As of June 29, 2004, new air regulations took effect that directly impact and regulate operations conducted at auto body shops. These regulations include:

- Maximum allowable Volatile Organic Compound (VOC) limits for surface-coating products
- VOC content Record-keeping requirements
- Surface coating application methods
- Cleaning of surface coating application products
- Housekeeping measures

### Acceptable Methods of Surface-Coating Application

1. high volume low pressure (HVLV) spray
2. airless spray
3. roller
4. brush
5. cotton – tipped swab
6. flow/curtain
7. dip
8. electrodeposition
9. electrostatic spray

➤ **Any other method must be NJDEP and EPA approved**  
(Contact the SBAP for more information)

## Record-Keeping Requirements

Keep a record at the facility of the VOC content of each coating used. VOC content can be found on the Material Safety Data Sheet from the paint manufacturer or automatically via computerized paint formulation programs (contact your local supplier or paint manufacturer). If necessary VOC content can be calculated using the included formulas. These records shall be readily available to the NJDEP upon their request.

## Housekeeping Requirements

- The following materials are to be kept in containers that do not absorb their contents or leak:
  - Fresh and used surface coatings
  - All solvents
  - VOC containing additives
  - Any other VOC containing materials
    - i.e. wastes, applicators etc. that may contain any of the above
- These containers should be closed and sealed 24/7 unless they are being filled or emptied

### Acceptable Methods of Surface Coating Application Tool Cleaning (use only one of the following)

1. enclosed spray-gun cleaning system
2. unatomized discharge of remaining coating into paint-waste container
3. disassembly of tool and cleaning of parts in a vat
4. atomized spray of cleaning solvent into a paint-waste container that can capture atomized emissions

➤ **Items 1-3 must be kept closed when not in use**

## Training Requirements

- Anyone who handles or uses the following items must first complete a training program (contact your local college, university or technical school)
  - Coating materials
  - Solvents, including cleaning solvents
  - VOC-containing additives
  - VOC-containing waste materials