



FACT SHEET

R307-344 Paper, Film and Foil Coatings

Overview

The Utah Division of Air Quality Rule R307-344, was adopted as part of a package of rules designed to help minimize pollution. The rule applies to paper, film, and foil coating operations that use a combined 20 gallons or more of coating products and associated solvents per year and are located in Box Elder, Cache, Davis, Salt Lake, Tooele, Utah and Weber counties.

Requirements

You have the option of either limiting the amount of VOC coatings applied or reducing VOCs by using a add on control system. (See entire rule for all circumstances.)

VOC Content Limits

Paper, Film, and Foil Coating Limitations
(values in pounds VOC per pound of coating, minus water and exempt solvents, as applied)

Coating Category	VOC Co Limit
Paper, film and foil	0.08
Pressure sensitive tape and label	0.067

Add-On Controls Systems

If an add-on control system is used, the owner or operator shall install and maintain the add-on emission control system in accordance with the manufacturer recommendations and maintain 90% or greater capture and control efficiency. The overall capture and control efficiency shall be determined using EPA approved methods or an alternative test method may be substituted for the preceding test methods after review and approval by the EPA Administrator.

Work Practices

Control techniques and work practices are to be implemented at all times to reduce VOC emissions. Control techniques and work practices include:

- Using covered containers for solvent wiping cloths;
- Using collection hoods for areas where solvent is used for cleanup;
- Minimizing spills of VOC-containing cleaning materials;
- Conveying VOC-containing materials from one location to another in closed containers or pipes; and
- Cleaning spray guns in enclosed systems.

No person shall apply coatings unless these materials are applied with equipment operated according to the manufacturer's specifications, and by the use of one of the following methods:

- Flow coater;
- Roll coater;
- Dip coater;
- Foam coater;
- Die coater;
- Hand application methods;
- High-volume, low-pressure (HVLP) spray, or
- Other application method capable of achieving 65% or greater transfer efficiency, as certified by the manufacturer.

Solvent cleaning operations shall be performed using cleaning materials having a VOC composite vapor pressure no greater than 1 mm Hg at 20 degrees Celsius, unless an add-on control device is used.

Record Keeping

Maintain records, for a minimum of two years, of inventory and product data sheets of all coatings and solvents applied. If an add-on control device is used, and the physical characteristics that demonstrate compliance with R307-344. Records shall be made available to the director upon request.