



UTAH DEPARTMENT of
**ENVIRONMENTAL
QUALITY**

FACT SHEET

R307-349 Flat Wood Paneling Coatings

Overview

The Utah Division of Air Quality Rule R307-349, was adopted as part of a package of rules designed to help minimize pollution. The rule applies to flat wood panel 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 limiting VOCs by using an add on control system. (See entire rule for all circumstances.)

VOC Content Limits

No owner or operator shall apply coatings with a VOC content greater than 2.1 pounds of VOC per gallon, excluding water and exempt solvents unless the owner or operator uses an add-on control device.

No owner or operator shall use a strippable booth coating with a VOC content greater than 3.8 pounds VOC per gallon, excluding water and exempt solvents unless the owner or operator uses an add-on control device.

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.

Utah Division of Air Quality

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Contact

(801) 536-4000

General Air Quality information,
regulations, and contact
information:

<https://deq.utah.gov/division-air-quality>

This fact sheet provides general
information concerning the Flat Wood
Paneling Coatings rule. See:
<https://adminrules.utah.gov/public/home>
for the entire rule.

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Work Practices

The owner or operator shall:

- Store all VOC-containing coatings, thinners, and cleaning materials in closed containers;
- Minimize spills;
- Clean up immediately;
- Convey any coatings, thinners, and cleaning materials in closed containers or pipes;
- Close mixing vessels and other materials except when specifically in use; and
- Minimize usage of solvents during cleaning of storage, mixing, and conveying equipment.

Coating application method must achieve a minimum of 65% transfer efficiency and operate in accordance with the manufacturers specifications. The following applications achieve this requirement:

- Paint Brush;
- Flow coat;
- Roll coat;
- Dip coat;
- Detailing or touch-up guns;
- High-volume, low-pressure (HVLP) spray;
- Hand application methods; 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 R307-349. Records shall be made available to the director upon request.