



UTAH DEPARTMENT of
**ENVIRONMENTAL
QUALITY**

FACT SHEET

R307-350 Miscellaneous Metal Parts and Products Coatings

Overview

The Utah Division of Air Quality Rule R307-350, was adopted as part of a package of rules designed to help minimize pollution. The rule is designed to limit volatile organic compound (VOC) emissions and applies to, but is not limited to large and small farm machinery, small appliance, commercial and industrial machinery and fabricated metal products 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 add on control systems. (See entire rule for all circumstances and exemptions.)

Work Practices

Control techniques including:

- Store all VOC-containing coatings, thinners, and coating related materials in closed containers;
- Ensuring that mixing and storage containers used for VOC-containing coatings, thinners, and coating-related waste except when depositing or removing these materials, unless a other control method;
- Minimizing spills of VOC-containing coatings, thinners, and
- Conveying VOC-containing coatings, thinners, and coating-location to another in closed containers, containers with method
- Minimize usage of solvents during cleaning of storage, mixing,

Application method:

- Operated in accordance with the manufacturers specifications.

The following applications achieve this requirement:

- Electrostatic application; Flow coat; Dip/electrodeposition coat; Hand application methods; Roll coat; High-volume, low-pressure (HVLP) spray; or application method capable of achieving 65% or greater transfer efficiency.

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.

VOC Content Limits Miscellaneous Metal Parts and Products Coatings

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 Miscellaneous
Metal Parts and Products Coatings rule. See
<https://adminrules.utah.gov/public/home>
for the entire rule.

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material are kept closed at all times
container has activated carbon or

coating-related waste materials;
related waste materials from one
activated carbon or other control

and conveying equipment.

Values in pounds of VOC per gallon of coating, minus water and exempt solvents, as applied.

Coating Category	VOC Content Limits	
	Air Dried	Baked
General One Component	2.8	2.3
General Multi Component	2.8	2.3
Camouflage	3.5	3.5
Electric-Insulating Varnish	3.5	3.5
Etching Filler	3.5	3.5
Extreme High-Gloss	3.5	3.0
Extreme Performance	3.5	3.0
Heat-Resistant	3.5	3.0
High Performance Architectural	6.2	6.2
High Temperature	3.5	3.5
Metallic	3.5	3.5
Military Specification	2.8	2.3
Mold-Seal	3.5	3.5
Pan Backing	3.5	3.5
Prefabricated Architectural Multi-Component	3.5	2.3
Prefabricated Architectural One-Component	3.5	2.3
Pretreatment Coatings	3.5	3.5
Repair and Touch Up	3.5	3.0
Silicone Release	3.5	3.5
Solar-Absorbent	3.5	3.0
Vacuum-Metalizing	3.5	3.5
Drum Coating, New, Exterior	2.8	2.8
Drum Coating, New, Interior	3.5	3.5
Drum Coating, Reconditioned, Exterior	3.5	3.5
Drum Coating, Reconditioned, Interior	4.2	4.2

If there is more than one content limit, the most stringent applies.

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.

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 R307-350. Records shall be made available to the director upon request.