

VOC LISTING

Facility Name: _____ Facility ID #: _____

Master List of all VOC Containing Materials Used at This Facility

Product ID	Manufacturer	Material Category	VOC of Coating (lb/gal) as applied	VOC of Material (lb/gal) as applied	Mixing Ratio C: S: Cat	Vapor Pressure (mm Hg)	Substrate/Activity

Date Last Revised: _____

INSTRUCTIONS FOR VOC LISTING FOR COATING, SOLVENT, INK, RESIN, OR ADHESIVE OPERATIONS

PRODUCT ID - Enter the manufacturer's/supplier's product identification number or name. If the product is mixed with other materials, enter the product identification of each material separated by a slash (/).

MANUFACTURER - Enter the name of the product manufacturer.

MATERIAL CATEGORY - Enter the material or coating category based on MSDS or Product Description

VOC of COATING - Enter the pounds of Volatile Organic Compound (VOC) in one gallon of material as-applied, less water and less exempt solvents, (lb/gal). This information can be obtained from the container or the Material Safety Data Sheet (MSDS), and is used to verify compliance with prohibitory rule limit for VOC content, or can be calculated as follows:

If coating has no water and no exempt solvent, and diluent is 100% VOC then:

$$\text{VOC of coating less water and less exempt solvent} = \frac{A + B}{C + D}$$

If coating has water and exempt solvent, and diluent contains VOC then:

$$\text{VOC of coating less water and less exempt solvent} = \frac{A + B}{(C/E) + (D/F)}$$

Where:

- A = VOC of coating (lbs)
- B = VOC of thinner or diluent (lbs)
- C = Amount of coating used (gal)
- D = Amount of thinner or diluent used (gal)
- E = VOC of coating less water & less exempt solvent (lb/gal)
- F = VOC of thinner or diluent less water & less exempt solvent (lb/gal)

VOC of MATERIAL - Enter the pounds of VOC in one gallon of material as-applied, (lb/gal). This information can be obtained from the container or the Material Safety Data Sheet (MSDS), and is used to calculate mass emissions to verify compliance with applicable mass limits.

MIXING RATIO - Do not fill this column if there is no mixing or thinning. Otherwise, enter the mixing ratio for the paint, thinner (solvent), and hardener (catalyst) for the coating as applied, e.g. 1:1:1 for a coating mixture of 1 part coating, 1 part solvent, and 1 part catalyst.

VAPOR PRESSURE - Fill only for equipment clean-up material. Enter the VOC composite partial pressure of the solvent used expressed in mm Hg at 20°C (68°F). This information can be obtained from the container or the Material Safety Data Sheet (MSDS) and is used to verify compliance with prohibitory rule limits for vapor pressure.

SUBSTRATE/ACTIVITY - Enter the type of material coated (e.g., wood, plastic, metal, glass, and paper) or describe the activity (e.g. surface preparation, equipment cleaning, aerospace, and polyester resin operation).

**INSTRUCTIONS FOR PRODUCT USAGE LOG FOR COATING, SOLVENT, INK,
RESIN, OR ADHESIVE OPERATIONS**

DATE - Enter the date (MM/DD/YY) or time period (MM/DD/YY - MM/DD/YY) of coating or solvent operation for each job.

PRODUCT ID - Enter the manufacturer's/supplier's product identification number or name. If the product is mixed with other materials, enter the product identification of each material separated by a slash (/).

AMOUNT USED - Enter the actual amount used in pounds (lb) or gallons (gal) for each material.

EMPLOYEE INITIALS- Enter the initials of the employee performing the activity.

INSTRUCTIONS FOR COATING, SOLVENT, INK, RESIN, OR ADHESIVE OPERATIONS - MONTHLY SUMMARY

APPLICABILITY - This monthly summary may be used by any facility that is not subject to a daily mass cap or throughput limit in a rule or permit.

PRODUCT ID - Enter the manufacturer's/supplier's product identification number or name. If the product is mixed with other materials, enter the product identification of each material separated by a slash (/).

AMOUNT USED - Enter the actual amount used in gallons (gal), by Product ID, for each material.

VOC of MATERIAL - Enter the pounds of VOC in one gallon of material as-applied, (lb/gal). This information can be obtained from the container or the Material Safety Data Sheet (MSDS), and is used to calculate mass emissions to verify compliance with applicable mass limits.

VOC EMISSIONS - Calculate the VOC emissions by multiplying the Amount Used by the VOC of Material (gal x lb /gal).