



## Painting

### **REGULATIONS: Hazardous Waste, Solid Waste, Industrial Stormwater, Air**

#### Regulatory Requirements

- Determine if your paint and solvent wastes are hazardous and manage as required in Maine Hazardous Waste Management Rules 850-857: Hazardous Waste, Solid Waste, Industrial Stormwater and Air
- Non-hazardous waste must be managed as required in Maine's Solid Waste Management Rules Chapters 400-425
- Contain, collect, and manage all paint wastes as required under General Permits for Certain Wastewater Discharges, Ch. 529 (Industrial Stormwater)
- Limitation of visible opacity required by Visible Emissions Regulation Chapter 101; all processes with possible emissions of regulated air pollutants must be managed as required by Maine's Air Licensing Rules (Chapters 115 and/or 140) and all applicable federal regulations

#### Control Measures

- As appropriate, purchase painting materials (paint, primers, topcoats, gun cleaning solvents, wash solvents, paint strippers) with low VOC and HAP contents
- If possible, do not use paint strippers with methylene chloride (MeCl)
- Avoid spraying paint containing compounds of chromium (Cr), lead (Pb), manganese (Mn), nickel (Ni), or cadmium (Cd)
- Complete all painting indoors, when possible
- Use spray booths with particulate controls such as fabric filters and air handling systems
- Use powdered coatings, or airless or HVLP spray guns to increase efficiency and reduce VOC emissions
- Keep containers closed when not in use
- Limit visible emissions from painting or abrasive blasting to 20% opacity on a six-minute block average basis
- Reduce the potential for fugitive particulate matter emissions and overspray from painting and blasting outside by limiting such activity to periods of calm winds or through the use of a shroud or wind curtain
- Contain painting activities or use other methods such as drop cloths, tarps, etc. under the painting/stripping area to contain any paint chips, drips, or spills; reduce the potential for fugitive particulate matter emissions from painting and blasting outside by limiting such activity to periods of calm winds or through the use of a shroud or wind curtain
- Mix paints and solvents in a designated area under cover.
- Paints and solvents must be properly contained in a sealed labeled container.
- Paint booth exhaust vents must have filters to help eliminate particles from escaping to the environment and mixing with stormwater.

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## ***Painting Control Measures (hull & topside painting, paint spraying, paint stripping, teak refinishing)***

- Painting activities and liquid storage areas (including liquid waste storage areas) must be included in the facility's Stormwater pollution Prevention Plan (SWPPP); areas must be identified on the SWPPP site map and inspected monthly.
- Monthly inspections include paint booth exhaust vents and routine testing of equipment and systems to uncover conditions that could cause breakdown or failure resulting in discharge of pollutants to the environment.
- At least monthly, clean stormwater conveyances of any deposits of paint chips.
- Waste paint, solvents and paint chips must be handled, stored and disposed of in accordance with Maine DEP Hazardous Waste Rules (refer to "Environmental Management" and "Hazardous Waste Management")
- Keep order records of all VOC and/or HAP containing materials on a monthly basis for each of the last 12 months.

