

Auto Body and Paint Shops

Pollution Prevention and Best
Management Practices

Pollution Prevention in Shops

Make simple changes in work practices to

- Reduce environmental impacts
- Improve shop efficiency
- Reduce operating costs
- Improve work place health and safety

Waste Streams

- Solvent and paint
- Still bottoms from solvent recycling
- Sanding dust
- Surface cleaners, wipes and rags
- Wash water
- Wet sanding sludge
- Paint booth filters
- Filters from spray gun cleaning
- Automotive fluids- oil, coolant
- Used containers
- Batteries
- Refrigerant

Pollution Prevention

● Source reduction

- increase Transfer Efficiency of coating application
- 2 stage cleaning
- source segregation- hazardous sanding waste separated from floor and car cleaning dirt and debris

● Material substitution

- low hazard surface cleaners
- waterborne coatings
- water-based paint gun cleaners

● Reuse

- on-site solvent recycling
- mixed paint

Pollution Prevention

- Work practices
 - job planning and scheduling
 - training
- Process changes
 - vacuum sanding
- Resource conservation
 - minimize water use
- Consider multi-media impacts
 - re-using mixed paint, air emissions vs. hazardous waste

Benefits

- Increased productivity
- Cost savings
- Reduced regulatory burden
- Improved worker health and safety

Workshop Topics

- Sanding Waste Management
- Wastewater Pollution Prevention
- Minimizing Paint Waste
- Paint Gun Cleaning
- Solvent Recycling
- Waterborne Coatings

DTSC OPPTD Auto Body and Paint Web Page

<http://www.dtsc.ca.gov/PollutionPrevention/ABP/index.cfm>

Fact Sheets
P2 Assessment
Regulatory and Industry Links

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