



# Pettit Technical Bulletin

## Best Management Practices

Best Management Practices (BMPs) are effective, practical, structural or nonstructural methods which prevent or reduce the movement of sediment, nutrients, pesticides and other pollutants from the land to surface or ground water. The amount of pollutants from any particular spot is small and insignificant, but when combined from over the landscape, can create water quality problems. Although it is unrealistic to expect that all nonpoint source pollution can be eliminated, Best Management Practices can be used to minimize the impact on water quality.

We recommend the following Best Management Practices:

- Protect The Application Site
  - Always use tarps, drip pans, and sheeting when prepping and painting
  - Use drip pans for all mixing and clean-up
  - Use a dustless vacuum sanding system
  - Sweep up and collect paint chips
  - When power-washing, use a filtering material for runoff
- Read And Follow Label Directions
- Match the Bottom Paint to the Fouling Problem
  - Use the minimum amount of biocide necessary
  - Contact your Pettit rep for recommendations
- Do Not Mix or Apply Paint Near Water
  - Pesticides can reach groundwater and surface water as a result of spills
  - Mixing and painting should be done at least 50 feet from water
  - Secure all containers before transporting
- Mix only enough paint necessary for a job
  - Save unused antifouling paint in tightly sealed containers for future use
- Apply the Recommended Amount of Paint
  - Use the recommended roller cover thickness
  - Follow mil thickness recommendations provided by the manufacturer
- Delay Bottom Painting Applications If Heavy Rain Is Forecast
- Avoid Overspray
- Store Antifouling Paints in A Safe Place
  - Original containers with the labels clearly visible
  - At least 50 feet from any well unless stored in secondary containment
- Properly Dispose of Containers
- Stay up to date with new technologies in antifouling products
  - Water-based products
  - Low Density Copper, Composite Copper Technology
  - Copper Thiocyanate
  - Ecomea
  - PTFE
  - Silicone based foul release coatings
- Reuse solvents and thinners
  - Drain clean product off the top once solids settle out
- Limit underwater bottom cleaning and hull scraping
- Racing sailboats that require frequent washing of the hull
  - Smooth, hard modified epoxy based performance product
  - Low level of “copper as a metallic”
- Develop An Emergency Response Plan