

How-to Video Series

Why Use Waterborne Coatings

There are many advantages to using a Waterborne finish system. When investigating a possible change to a Waterborne system, customers should consider the following benefits:

- There are little or no Volatile Organic Compounds, known as VOC's, a measuring stick for harmful emissions. This allows for easier air permitting and compliance to local emissions laws.
- Another benefit, Waterborne coatings contain no Hazardous Air Pollutants, known as HAP's, also a standard for coating emission safety.
- Waterborne coatings are also formaldehyde free, thus can possibly provide for third party environmental compliancy.
- They have much lower odor than Solvent based coatings, making the environment in the shop and neighborhood more pleasant.
- In general, Waterborne coatings are better for personal health and safety. But, remember a proper spray mask and personal protective equipment should still be used, as there are co-solvents, resins and other chemical additives present.
- Waterborne systems present little to no fire hazard. Likewise, they can be reduced and cleaned up with water eliminating solvent use, so less hazardous waste is generated.

There is always a learning curve associated with switching to any new coating system and this is true with Waterborne systems but the advantages are well worth it.

- Remember to always wear appropriate Personal Protective Equipment
- Always refer to your (MSDS) Material Safety Data Sheet for proper (PPE) Personal Protective Equipment.