

The lineman's Choice

Penta has been the preservative of choice for wood utility poles for more than 60 years. No other alternative can match Penta's track-record of proven performance, durability, and safety.

Linemen prefer penta-treated poles because they are easy to work with and they are safe to work on. If linemen want to climb a penta pole, they can quickly attach gaffs and climb without delay. The flexibility of penta poles make them less susceptible to ice and windstorm breakage.

Utilities have come to rely on penta as a wood preservative that has a history of performances and safety... and a bright future supported by manufactures committed to assuring high quality products and consistent availability.

To safeguard workers and consumers, as well as well as provide ongoing production quality assurance, penta and other major wood preservatives periodically undergo a re-registration process with the U.S. Environmental Protection Agency (EPA). To develop the state-of-the art data required for AEPA's most recent re-registration process, penta manufacturers have spent millions of dollars developing numerous toxicological study, environmental fate and occupational exposure.

In every case, using highly conservative assumptions, the latest scientific data show that penta poles do not pose significant risks to people, wildlife, aquatic life, or the environment.



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resources

Penta poles stand tall in all Conditions

Penta manufactures are committed to the future

Over the years, penta manufacturers have worked with EPA to make many changes that have improved penta's safety. For example, manufacturers responded positively to EPA's review of penta in the mid-1980s by narrowing its use to the industrial market, and reducing the levels of microconataminants in the product.

Penta Poles... easy to reuse and recycle

Because they are not considered hazardous waste, penta poles can be reused and recycled in a number of ways. Industry data indicates that nearly 70 percent of out-of-service poles are either remanufactured and reused as utility poles, used as fence posts, or to support frame lighting.

Penta poles can also be burned for energy recovery in some combustion units and industrial boilers. This is permitted because penta does not contain toxic metals, and because this type of burning results in almost complete destruction of the penta, with dioxin/furan emissions comparable to that from ordinary particle board.

If re-use or energy recovery options are not available, penta can be safely disposed of in landfills in accordance with state and local requirements.

- **Penta's flexibility lowers the chances of ice windstorm breakage**
- **Penta's moisture resistance properties reduce checking and pole twist**
- **Penta poles resist undetected burning (afterglow) when exposed to grass or brush fires**
- **Penta repels termites and wood-eating insects**

Cox INDUSTRIES, INC
Better Ideas. Better Wood.™

860 Cannon Bridge Road | Orangeburg, SC 29116
877.492.7728 | coxwood.com

