

Fact Sheet

Environmental Peace of Mind with ArmorBuilt™ Wildfire Shield

Protecting the Environment

ArmorBuilt Wildfire Shield is a heat-triggered wrap that protects wood utility poles from fire. It's a solution that helps protect people, reduce repair costs and extend the lifespan of wood utility poles: Just as important is our consideration of the environment from manufacturing through end of life. Here is a look at the environmental attributes of ArmorBuilt Wildfire Shield throughout the wrap's lifecycle.

- **Manufacturing:** No materials or chemicals considered hazardous are present in the manufactured product, and the cured protective wrap is inert until activated in a fire event.
- **Installation:** ArmorBuilt wrap is easily applied with staples. No glues or adhesives are present.
- **In Place/In Use:** AWPA E11 Leaching Studies show no harmful leachate. CDPH 1350 VOC emissions testing demonstrate that ArmorBuilt wrap meets indoor air quality standards with no harmful VOC emissions.
- **End of Life (burned):** The AWPA E11-20 Leaching Study determined that the char formed when ArmorBuilt wrap is burned was non-hazardous. The compounds present in the char after a fire are non-hazardous to humans, animals and the environment.
- **End of Life (disposal):** ArmorBuilt can be safely disposed in a municipal landfill.

Sustainable For Business, Too

ArmorBuilt Wildfire Shield helps protect line workers and utilities through a variety of features that reduce safety risks and minimize financial losses in the event of a fire.



The Choice for Line Workers

- Safe and easy to apply — no special handling required
- Can be climbed and cut without compromise
- Holds up to 490 pounds when double-wrapped*
- Delivers precious life-saving time by keeping critical passages open to first responders and evacuees that may otherwise become blocked by downed poles

The Choice for Utilities

- Helps prevent millions in damages and repair costs
- Sustainable U.S. supply and scalability
- Extends life of wooden poles, which sequester carbon rather than generate it in production like metal-based poles
- Unaffected by wooden pole shrinkage due to weather
- 20-year lifecycle for lower cost of ownership

Reach our Global Customer Service network at:

Email: service@hexion.com or enter a request on our website www.hexion.com under “contact us”

U.S., Canada and Latin America

+1 888 443 9466 / +1 614 986 2497

Europe, Middle East, Africa and India

+800 836 43581 / +39 0331 355 349

China and Other Asia Pacific Countries

+86 21 31579252

Please refer to the literature code **HXN-737**

when contacting us.



ArmorBuilt™ Wildfire Shield

World Headquarters

180 East Broad Street
Columbus, OH 43215-3799

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*PG&E climbing tests revealed that ArmorBuilt covering can hold up to 490 pounds when double-wrapped around wood utility poles.

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