

Is the glue used to make wind turbine blades toxic

We have documented the threats of industrial wind turbines to both soil and water in their pre and post-construction phases, not to mention birds, bats, insects, and humans. But not enough ...

The claim that wind turbine blades are emitting large amounts of bisphenol A (BPA) and microplastics into their surrounding environments is inaccurate. The epoxy resin used in manufacturing wind ...

In September 2023, turbine manufacturer Vestas confirmed that epoxy resins containing BPA are used in the manufacture of the turbine blades for their wind farms. The blades, however, will wear and ...

FACT: Wind turbine blades' protective coatings are non-toxic and contain negligible amounts of BPA, and the blades are specifically designed to have high resistance to weathering.

Up to 50% of European wind blade manufacturers nowadays use epoxy resins due to their light weight, resistance to fatigue, good adhesion and lack of shrinkage after cooling.

Research published in Nature Partner Journal Ocean Sustainability at the end of January found that the chemicals used to protect turbine blades from corrosion leach "thousands of tons of ...

Wind turbine blade manufacturing reached \$23.1 billion globally in 2024, yet worker safety concerns persist. The process of scraping putty during blade finishing has sparked intense debate among ...



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