

Title: Are wind turbine blade plants toxic

Generated on: 2026-04-03 10:59:10

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Are wind turbine blades toxic?

Even before they hit the dump, wind turbine blades are shedding their toxic plastic residues far and wide. That the plastics in the blades are toxic is without doubt. With a few images added by STT, Dr Eric Blondeel provides a timely (and frightening) analysis of what the wind industry has in store for you and yours.

Are wind turbine blades dumping plastic?

These 10-20 tonne, 40-60m long chunks of plastic, fibreglass, balsa wood and resins can't be recycled, so the wind industry has been dumping them quietly for years now; often illegally (see above). Even before they hit the dump, wind turbine blades are shedding their toxic plastic residues far and wide.

Are wind turbine blades causing erosion & pollution?

Mitchell is referring to a paper out of Norway, "Leading Edge erosion and pollution from wind turbine blades" (Solberg et. al.) that examined the data of a U.K. study on rain erosion by Pugh et. al.. 2 The Norwegian authors assert that, "With large emissions of toxic compounds from the wind turbine industry, this industry will be exposed.

Does rain damage wind turbine blades?

CLAIM: Erosion caused by rain releases BPA and microplastics from wind turbine blades into the environment. 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. Read ACP's Fact Sheet to learn more in detail.

For instance, the turbines proposed among the acreages and farms of the Northern Valley near Elk Point in Alberta, Canada are 679 ft (207m) tall, from base to blade tip. As the wind industry ...

Wind turbine blades are releasing toxic plastic residues, including BPA and microplastics, even before they hit the dump. Research published in Nature Partner Journals Ocean Sustainability ...

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This updated post was originally published in Feb. 2025 but remains very relevant as five East Coast offshore

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wind projects are ever closer to completion. When one of the massive turbine ...

BPA is a highly toxic synthetic compound recognised by the World Health Organisation (WHO) as an endocrine disrupter that has been linked to about 80 diseases including cancer and ...

Bisphenol A (BPA) is a chemical produced in large quantities for use primarily in paint and epoxy. The association between wind turbines and health effects is highly debated, with some ...

Recent research reveals that as blade coatings degrade, they leach thousands of tons of noxious metals into the water -- and your seafood. When one of the massive turbine blades at ...

Landfills are the final destination for millions of worn-out wind turbine blades, where their toxic plastics will be left to rot for the "benefit" of generations to come. These 10-20 tonne, 40-60m ...

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.

Introduction: European Environment Agency Epoxy Usage Flowchart The shift towards renewable energy sources, particularly wind power, has accelerated the deployment of wind turbines ...

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