



EPOXY RESINS NEWSLETTER

APRIL 2017

WHAT'S NEW

Safety brochure updated

We have revamped our safety brochure, with in-depth information on how to handle epoxy systems safely. It will soon be available in French and German. [Download and share it!](#)



Website improvements

We are working on some changes to make our website www.epoxy-europe.eu faster and easier to navigate including some new sections and functionalities. In the meantime, we invite you to take our [Quiz](#) to see how much of an epoxy expert you are.

DID YOU KNOW?



Did you know that most aeroplanes are made using epoxy resins nowadays? It is estimated that by using less fuel, epoxy composites contribute to saving some 720,000 tonnes of CO₂ aircraft emissions per year. [Read more on the social & economic benefits of epoxies.](#)

POLICY UPDATES

BPA identified as SVHC – No implications for epoxy resins

On 12 January 2017 ECHA published the addition of Bisphenol A (BPA) to the Candidate List of Substances of Very High Concern (SVHC). Because intermediate uses of BPA in, for example, the manufacturing of epoxy resins are explicitly exempt from the REACH authorisation process under REACH epoxy resins are identified as a polymer which is fundamentally different from BPA itself, there are no direct implications derived from the SVHC identification. A potential Authorisation of BPA in the vast majority of epoxy resin related uses is not expected. [Read the ERC's statement.](#)

ECHA considers declaring BPA an endocrine disruptor

The European Chemicals Agency (ECHA) opened a consultation on a French proposal on whether to declare Bisphenol A (BPA) as a substance of very high concern (SVHC) due to its supposed endocrine-disrupting properties. The [consultation](#) closes on 24 April.

EPOXIES AT WORK



Epoxies are strong: Spaghetti bridge competition

Only three ingredients are allowed: pasta (typically *spaghetti* or *bucatini*), hot glue and epoxy resins. Since 2013, the University of Salento in South Italy organises this annual competition for engineering students to learn about structural design. The organisers will donate to charity one kilo of pasta for each kilo the bridges can resist. [Read the full story.](#)



Epoxies in wind energy

With the growing demand of renewable energy there is a trend to fabricate bigger and better wind turbine rotor blades. These blades get their structural strength from glass or carbon fiber composites and the use of epoxy resins as a binder for these fibers. Epoxy resin is the material of choice for designers of wind turbine rotor blades due to its ability to maintain superior mechanical properties over the entire lifetime of the blade. [Read more about the increasing demand of wind energy.](#)



Epoxy save lives: Snail shell repair

Several media outlets have reported about the story of Chevy, a snail which got its shell broken accidentally by a hiker in Tel Aviv. Instead of walking away, he took Chevy to a veterinary hospital where they repaired Chevy's shell using epoxy glue. [Read the full story.](#)

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