



EPOXY

Tomorrow's technology, today

EPOXY RESINS NEWSLETTER

DECEMBER 2017

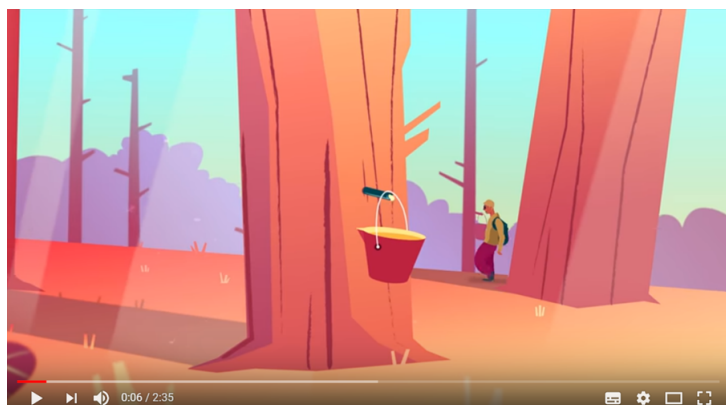
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*The Epoxy Resins Committee wishes you
happy holidays and a wonderful 2018!*

WHAT'S NEW

Epoxies at work: Enabling tomorrow's technology today

Resins are an important part of our everyday lives, not just when we are walking around the woods. Our modern world as we know it would be very different without epoxy resins. But, how did it all start? [Watch the animation.](#)



Safety brochure: Czech version available

The Czech version of our safety brochure is available in our website and French is coming very soon. [Download and share it!](#)



Nemusíte zkusit
úplně všechno na
vlastní kůži.

Epoxy adhesives, the bonding material

When we talk about epoxy applications, we often mention large-scale infrastructures in shipbuilding, aerospace, automotive, construction or energy plants. But [we have said it before](#): even if used in small quantities, epoxies can go a long, long way. This is especially true for epoxy-based adhesives in which a very small amount can efficiently glue materials as different as wood, metal, plastic, rubber, glass, ceramic or stone. If it wasn't for adhesives, how could we even start building those large infrastructures? [Read our latest Spotlight article.](#)

DID YOU KNOW?



Did you know that epoxy floorings prevent slip and fall accidents thanks to their inherent anti-slip texture? Studies say that if we assume that 5% of the flooring in Europe is epoxy-based, approximately 30% of all accidents could be prevented saving Europeans €100 million in incident-related costs. [Read more about the use of epoxy resins in flooring.](#)

EPOXIES AT WORK

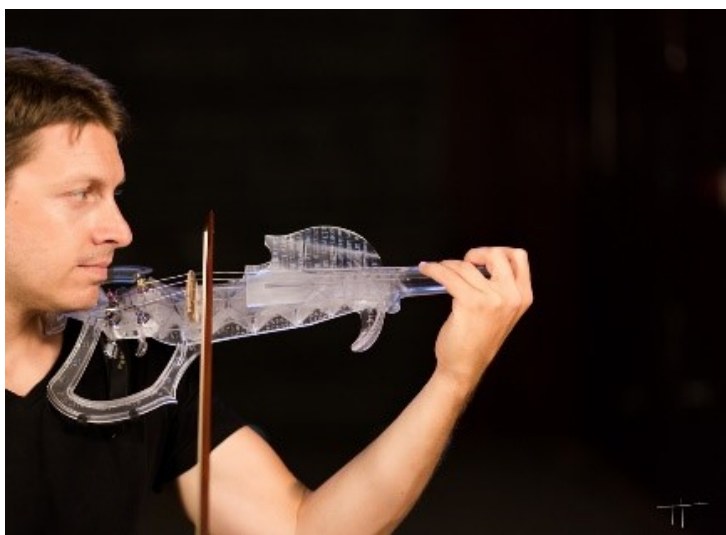


Photo by: 3d-varius

3DVarius, the epoxy-based violin

Laurent Bernadac, a French violinist and engineer, has created the [3DVarius](#), the first 3D printed violin. This beautiful electric instrument is made using epoxy resin, hence it is transparent and only weighs 500 grams. A great example of how

technology successfully embraces the world of arts.
[Watch the video](#) (in French).



Photo by: EGB



Photo by: EGB

'The happy dog' animal shelter, a place to run

Somewhere in Asturias, Spain, there is an animal shelter called [El perro feliz](#), *the happy dog*. We can imagine why animals are happy. They can run around freely without the fear of sliding or upsetting the cleaning personnel: "We chose epoxy paint for the floor because it makes it easier to clean, it dries fast and it is non slippery", explains Gabriel Bustillo, vet at the shelter. [Read more on how epoxies help animals have a better life.](#)



Photo by: Premio Innovazione Leonardo



Photo by: Universidad de La Rioja

Epoxy cum laude

Two young women have hit the marks recently thanks to their studies involving epoxies. In Italy, Giulia Savoja has won the [Premio Innovazione Leonardo](#) under the PhD student category for a project looking at the use of raw materials with low environmental impact, including epoxy resins of natural origin, meant for the development of biocomposite materials for the construction sector. In Spain, Elena Garrido obtained a “cum laude” grade thanks to her thesis [Preparation of new multifunctional epoxy matrix nanocomposites based on the use of graphene materials.](#)

BE IN THE LOOP



Epoxy Resins Committee

Home

The Epoxy Resin Committee (ERC) is the industry group representing the major European epoxy resin producers. The ERC is a product committee of PlasticsEurope, the Association of Plastics Manufacturers in Europe, and represents the interests of over 95% of Europe's epoxy resins manufacturers since the early 1980's.

Website

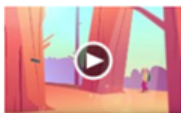
<https://epoxy-europe.eu/en/about-epoxy/>

Headquarters

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Recent Updates

Epoxy Resins Committee Resins are an important part of our everyday lives, not just when we are walking around the woods. Our modern world as we know it would be very different without epoxy resins. But, how did it all start? <https://lnkd.in/gXDnsc>



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