

EPOXY RESINS NEWSLETTER

APRIL 2018

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WHAT'S NEW

Safety brochure: French version available

The French version of our safety brochure is available in our website. [Téléchargez et partagez!](#)



Epoxy powder coatings: why so popular?

It was the middle of the 60's when the ever-growing home appliances market started calling for a resin that could be used in solvent-borne and powder-based coatings. After many efforts, solid epoxy resins were born meeting all the necessary requirements: resistance to chemicals and corrosion, excellent adhesion and outstanding performance. [Read our Spotlight article.](#)

Epoxy brings a second life to critical infrastructures

Buildings, roads, bridges, tunnels... They help us getting around while exposed to all sorts of weather conditions over decades, even centuries. Those in charge of their maintenance face some major challenges when fixing inaccessible roads or cracked up façades but they almost always find a way to bring them back to life. What are their secret ingredients? [Read our Application of the month.](#)

DID YOU KNOW?



Did you know that epoxies are used as sealants, [adhesives](#) and mortars in home improvement? It is estimated that 260,000 tonnes of adhesives and sealants are sold each year in the EU for DIY uses. If you are a non-professional user of epoxy resins, remember you should follow strict [personal safety measures](#).

EPOXIES AT WORK



Photo by: European Coatings

Cardanol based anhydride curing agent for epoxy coatings

Dried fruits can be much more than just a snack. A recent [paper](#) published in *ScienceDirect* proved that bio-based cardanol, extracted from the waste shells of cashew nuts, was synthesised and used in the preparation of anticorrosive epoxy coatings. The researchers observed that curing agent based on cardanol performed well in all aspects as compared to commercial curing agent. [Read the full story](#)

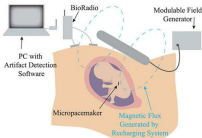


Photo by: University of Southern California/IEEE

Epoxy's prenatal help

The world's first foetal pacemaker, developed by the University of Southern California, is ready and waiting for its first unborn patient. This seven-piece pacemaker has a very simple design and includes an epoxy case, which is lighter than the standard titanium ones. The pacemaker has been successfully tested on sheep and obtained clearance for human use. Hope it can start beating soon! [Read the full story](#)

BE IN THE LOOP



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