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LOOKING FORWARD H2020 - BBI Projects



TOPIC : Produce on a large scale competitive bio-based building blocks, polymers and materials that outperform existing alternatives in identified market applications

SPECIFIC POLYMERS (SP, www.specificpolymers.fr, 2003, Castries, FRANCE) is a SME with 15 employees acting as **R&D service provider and scale up producer** in the field of functional **monomers, polymers & materials** with high specificity. The company was created to meet the need of international high tech industrial groups in terms of specifically designed polymers and materials. The main goal of the innovative product developed by SP is, in close collaboration with the customers, to **validate proof of concepts**. In other words, SP propose R&D services for academic laboratories and R&D departments of high tech industrial groups.

In addition to its regular activity of R&D service provider, **SP wishes to be involved in collaborative projects**, at the National or European level. In such projects, the overall objective is most often to bring innovations coming from academics researches (TRL 1-4) to an industrial reality (TRL 4-7). Such objective is in total agreement with SP strategic positioning, *i.e.* 'to fill the gap in between academic and industrial researchers to developed tomorrow's materials'. In light of this, SP is always keeping an eye on European Project Calls in order to offer its services to the most relevant ones in relation to abovementioned activity.

H2020 Project - BBI.2018.SO3.F1



In April 2018, a serie of project calls ([H2020-BBI-JTI-2018](#)) were proposed on the European Research and Innovation Platform. Among them, [BBI.2018.SO3.F1 Project Call](#) has received attention from SP R&D team. Indeed, the topic of this project call, "**Produce on a large scale competitive bio-based building blocks, polymers and materials that outperform existing alternatives in identified market applications**", is in total agreement with SP research and innovation activities in this area of research.

We are convinced that our expertise in organic, polymer and material chemistry can be a real asset in such collaborative project.

So, if you are **looking for a SME partner** willing to be involved in the set-up of a project proposal corresponding to this call or similar ones, **do not hesite to contact us**.

Contact us

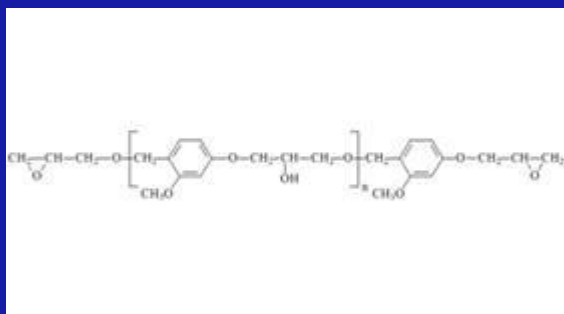
Green chemistry is a fundamental aspect of SPECIFIC POLYMERS work and many projects are ongoing to **find innovative alternatives to fossils resources form the biomass**. SPECIFIC POLYMERS research effort is mainly dedicated to projects like :

- Bio-based alternative to Bisphenol-A epoxy resins
- Biobased alternative to Formophenolic resins
- Cyclocarbonates for non-toxic isocyanate free polyurethane materials
- Valorization of industrial wastes or by-products - Sustainable materials

SP is working on such topic since its creation and some of the **bio-based building-blocks or monomers** developed within this R&D topics are now available in our catalog. Please find some of them below.

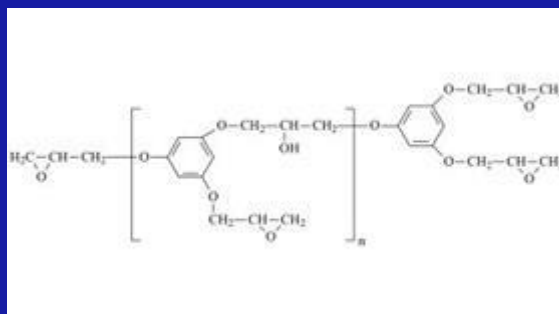
Biobased Building-Blocks and Monomers - Highlights

• Biobased Epoxy Resins



SP-9S-5-005

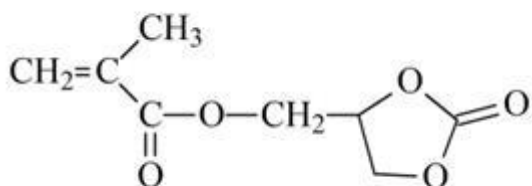
DGEVA - Vanillyl Alcohol DiGlycidyl Ether



SP-9S-5-003

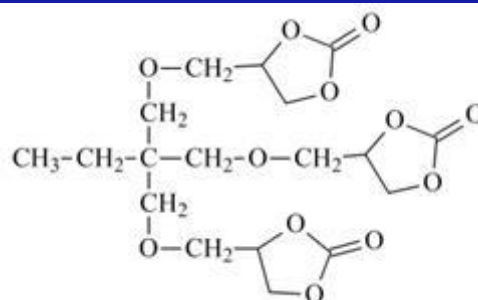
Phloroglucinol TriGlycidyl Ether

• Cyclocarbonate for Non-isocyanate Polyurethanes



SP-40-001

Glycerol carbonate methacrylate



SP-9S-5-003

Phloroglucinol Tris Epoxy

SPECIFIC POLYMERS offer CUSTOM SYNTHESIS programs

- SPECIFIC POLYMERS can produce **from grams to hundred grams** depending on the targeted molecule.
- All products are delivered with a **synthesis report** including experimental details and analyses.
- Report on the project progress by **regular phone meeting**
- **Feasibility evaluation** can be proposed depending of customer wishes (targeted structures, quantities)

Contact us



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SPECIFIC POLYMERS

ZAC Via Domitia

150 Avenue des cocardières - 34160 - Castries - France

Tel: +33(0) 4 99 74 91 35 Fax: +33(0) 4 99 74 91 52

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