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**JEC WORLD 2019
 SIKA ADVANCED RESINS INNOVATES
 WITH ITS NEW HIGH-PERFORMANCE RESIN
 FOR CNG HIGH-PRESSURE TANKS**

PARIS NORD VILLEPINTE, 12 - 14 MARCH 2019 - HALL 6 – BOOTH G59

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At JEC World 2019, Sika Advanced Resins will unveil Ullit’s new composite tank for trucks that run on compressed natural gas (CNG).

Together with its tailor-made epoxy system designed by Sika Advanced Resins, who are a leader in the development and production of high-performance resins, the tank helps to reduce pollution in urban traffic.

AN EPOXY LAMINATING SYSTEM THAT ADAPTS TO DIFFERENT DESIGNS

The tank, which contains up to 320 liters is the same size as a conventional diesel fuel tank. *"We have been innovating together for more than 10 years! Sika Advanced Resins has developed a specific resin for our new range of high-pressure tanks. This high-performance resin can be adapted to all design constraints, particularly for our very high-pressure hydrogen tanks, up to 700 bar,"* explains Ullit founder and CEO Claude Hembert.

Sika Advanced Resins has used its expertise to develop a tailor-made resin to withstand the cyclic pressurization loads on the filament-wound tanks. In combination with carbon fiber the resin provides mechanical resistance for different tank shapes including those for vehicles running on natural gas. *"The tank is placed in the same place as a diesel fuel tank and avoids the need for transformations in trucks. In addition Ullit-Sika composites reduce the weight of the tank by a factor of four, a huge benefit when we estimate that one tonne saved on a truck saves four liters of fuel per 100 kilometers in urban traffic,"* explains Patrick Noirclerc, Local Expert Composites at Sika Advanced Resins.

PAGES 2/2
DATE 5 February 2019

THE ECO-FRIENDLY DIMENSION OF NATURAL-GAS VEHICLES

A recent study shows that the use of vehicles running on natural gas rather than diesel or gasoline helps considerably to **reduce pollution**. For CNG engines the study indicates a 75-90% decrease in fine particles and nitrogen oxides. CO₂ emissions are 7-16% lower which reduces the noise of an engine by 50%.

Resins innovation by Sika Advanced Resins combined to Ullit's high-pressure tank is supporting this environmental approach.

SIKA ADVANCED RESINS, FORMULATOR OF TAILOR-MADE SOLUTIONS

"Our Business Unit increases its know-how in the formulation of high-performance epoxy and polyurethane resins. We provide adapted solutions for the specific needs of our customers. With our 11 entities and 6 R&D technical centers worldwide, we develop customized solutions to meet the needs of our industrial customers. We support them at every stage of their products development to bring innovative solutions," says Patrick Blossé, international sales Director at Sika Advanced Resins.

**Discover the new high-pressure composite tank
presented by Sika Advanced Resins
at JEC World 2019
Hall 6 - Booth G59 - 12-14 March 2019 - Paris Nord Villepinte**

About Sika Advanced Resins

With more than 75 years of experience, Sika Advanced Resins is a leading supplier and developer of high-performance resins for the tooling and composite materials industry. In addition, Sika Advanced Resins offers customized solutions for the composites industry, from the model to the part, including the appropriate structural adhesive. Sika Advanced Resins also supplies casting resins and functional coatings for industrial and dielectric filters. Sika Advanced Resins generates an annual turnover of €130 million with 450 employees.

Sika Advanced Resins is part of Sika AG, a company headquartered in Baar, Switzerland. Sika has subsidiaries in 101 countries around the world and more than 200 production sites. Its 18,000 employees generated sales of CHF 6.25 billion in 2017.