

Evonik at ChinaPlas 2014: contributions to urbanization with innovative and sustainable specialty chemicals

- Evonik's specialty chemicals products and solutions help to make urban living more comfortable, healthier, and more sustainable
- ChinaPlas 2014 will be held at Shanghai New International Expo Center from April 23–26, 2014, Evonik Booth No: B21 in Hall N1

The constant growth of metropolitan areas throughout the world offers attractive economic perspectives, especially for key industries. However, at the same time, increasing urbanization demands enormous efforts in terms of sustainability. At this year's ChinaPlas, Evonik Industries will be presenting its products and solutions under the theme of urbanization, in order to show how companies can contribute to the future urban living with the help of specialty chemicals.

"Plastics are closely related to all aspects of our daily life. With their wide range of applications, the materials play a vital role in improving our future urban life and promoting the continuous development of other industries," Mr. Martin Kraemer, Head of Business Unit Performance Polymers Asia Pacific said.

Evonik contributes to urbanization by providing products and solutions to a wide variety of markets

Automotive – No matter what brand emblem a vehicle's hood bears, people around the world travel in cars containing technologies from Evonik. One of the highlights at Evonik's booth this year is the SAIC Roewe E50 electric car which applies Evonik's lightweight design solutions, such as PLEXIGLAS® material for the side screens, rear window and rear lamp, as well as ROHACELL® rigid core material.

Medical Devices – The global medical technology market with a volume of € 300 billion is posting annual growth rates of 6 percent. Evonik is already a provider of targeted specialty applications in the area of medical technology. Examples are VESTAKEEP® PEEK as biocompatible synthetics for implant materials, and VESTAMID® Care, a polyamide molding compound that is used as catheter material.

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Scarlett Shi

Communications
Tel +86 21 6119-1200
Fax +86 21 6119-1116
scarlett.shi@evonik.com

Cathy Ho

Communications
Tel +86 21 6119-1296
Fax +86 21 6119-1116
cathy.ho@evonik.com

Evonik Industries AG

Rellinghauser Strasse 1-11
45128 Essen
Germany
Phone +49 201 177-01
Fax +49 201 177-3475
www.evonik.com

Supervisory Board

Dr. Werner Müller, Chairman

Executive Board

Dr. Klaus Engel, Chairman
Thomas Wessel
Patrik Wohlhauser
Ute Wolf

Registered Office Essen
Register Court: Essen Local Court
Commercial Registry B 19474
VAT ID no. DE 811160003

Lightings & Electronics – According to the International Energy Agency (IEA), 19 percent of the energy consumed worldwide is used for lighting. For this reason, the future belongs to LED (light-emitting diodes) technology due to its higher energy-efficiency and much longer service life than conventional sources. For example, the combination of LEDs with PLEXIGLAS® will play an important role in street lighting. PLEXIGLAS® conducts light with lower losses than glass, it is easier to shape, and it's a lot lighter. And LEDs with reflector bases made of VESTAMID®HT*plus* function longer, shine brighter and stay whiter. Other innovations include TEGOMER® additives, which can be dosed in housing parts of engineering plastics compounds. They bring excellent mold release performance during thin-walled housing injection process, and greatly improve anti-scratch property in end application.

Lifestyle – In our everyday life, people benefit from specialty chemical products and come into contact with them countless times every single day. One of these is the plastic VESTAMID®, which is integrated into the soles of many sports shoes. This substance combines seemingly contradictory attributes such as flexibility, low weight, and stability. As a result, it is ideal for a wide variety of sports-related applications. Another example is SIPERNAT® and AEROSIL® silica. It is widely used as anti-blocking agent in food packing and other plastics film packing market with its advantage of higher transparency and lower coefficient of friction.

In addition to real exhibits, Evonik also leverages multimedia and scenario dancing performance to give visitor a real experience of our products and solutions. We look forward to welcoming you on our booth!

Company information

Evonik, the creative industrial group from Germany, is one of the world leaders in specialty chemicals. Profitable growth and a sustained increase in the value of the company form the heart of Evonik's corporate strategy. Its activities focus on the key megatrends health, nutrition, resource efficiency and globalization. Evonik benefits specifically from its innovative prowess and integrated technology platforms. Evonik is active in over 100 countries around the world. In fiscal 2013 more than 33,500 employees generated sales of around €12.9 billion and an operating profit (adjusted EBITDA) of about €2.0 billion.

Evonik Industries has been producing specialty chemical products in the Greater China region (Mainland China, Hong Kong and Taiwan) since the late 1970's;

with wide-ranging trading relations already in place prior to this in the region. Evonik regards Greater China as one of the driving forces of the global economy and we consequently endeavour to grow our business in the region. The company now has around 3,200 employees in the Greater China region, the regional sales reached over €1 billion in 2013.

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