

Liquid adhesion resins lower the VOC content of coatings

- TEGO® AddBond is FDA-approved for food contact
- Reduces viscosity

Evonik's new adhesion resins – TEGO® AddBond LP 1600 and LP 1611 – for coating formulations have excellent flow properties and are suitable for food contact. Additionally, they reduce viscosity without increasing the volatile organic compounds (VOC) content of the coating. This unique combination of characteristics allows for their use as adhesion resins in high solids applications. As an added advantage, the high active ingredient content (100%) reduces the cost of storage and transportation.

The fluid TEGO® AddBond LP co-binders are polyester resins that are formulated for addition to an existing coating system. Developed specifically for high solids systems (such as 2K PU, 2K EP, baking enamel, or alkyd formulations), these products are particularly suitable for industrial items (such as large vehicles, ship coatings, and general industrial coatings) that are not coated in an industrial environment. For such applications, long life expectancy, weather resistance, and chemical resistance are the greatest concerns. Additionally, thanks to FDA approval 175.300, both AddBond LP grades are suitable for food contact. The two products also meet the requirements for printing inks used in packaging stipulated by the Swiss Consumer Goods Ordinance (Swiss A). Furthermore, the products are not classified as hazardous goods, making them safe to handle.

TEGO® AddBond LP 1600 and TEGO® AddBond LP 1611 differ in their inherent viscosity: LP 1611 is slightly more viscous than LP 1600 but has a lower impact on the hardness of the final system and thus, on the mechanical properties of the surface. In contrast, LP 1600 is less viscous and therefore reduces the VOC content even more than LP 1611.

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Scarlett Shi

Communications

Tel +86 21 6119-1200

Fax +86 21 6119-1116

scarlett.shi@evonik.com

Evonik Industries AG

Rellinghauser Straße 1-11

45128 Essen

Germany

Phone +49 201 177-01

Telefax +49 201 177-3475

www.evonik.de

Supervisory Board

Dr. Werner Müller, Chairman

Executive Board

Dr. Klaus Engel, Chairman

Dr. Ralph Sven Kaufmann

Christian Kullmann

Thomas Wessel

Ute Wolf

Registered office Essen

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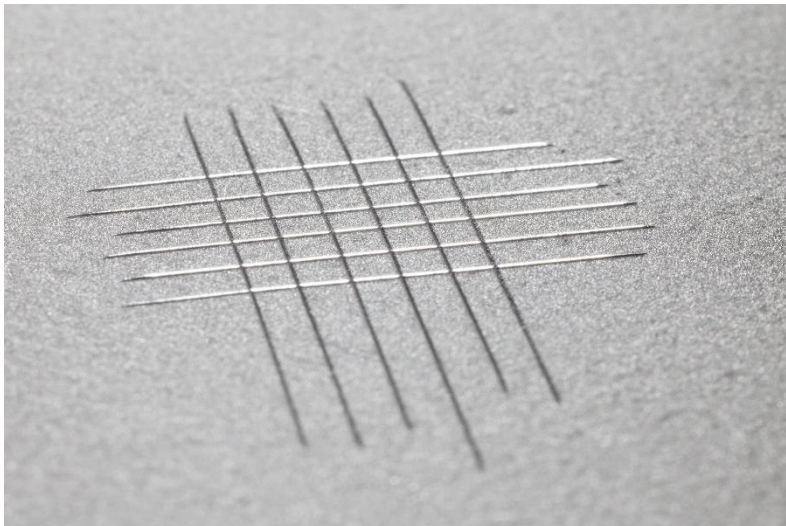
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Due to increasingly strict worldwide emission limits for VOCs, coatings manufacturers are facing greater limitations in their raw material selection and are looking for new ways to adjust their formulations. Evonik continuously expands its additives and resins portfolio to support its customers in this effort.

For additional information visit www.tego.de



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 2015 more than 33,500 employees generated sales of around €13.5 billion and an operating profit (adjusted EBITDA) of about €2.47 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 endeavor to grow our business in the region. The company now has around 3,000 employees in the Greater China region, the regional sales reached over €1.3 billion in 2015.

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