Welcome from the Adhesive Experts of Evonik

Discover our product portfolio designed for the Adhesives & Sealants Industry. Based on our different polymer backbone systems, we develop individual solutions according to your needs.

YOUR BENEFITS – OUR VALUES

Focus on customer orientation
We are a solution provider. Our mission is to create tailor-made solutions to ensure that every one of your projects is a success. That is why we are considered to be the first choice when it comes to solving your challenging tasks. Thanks to our global presence we can respond promptly and make your individual wishes come true.

Perfectly targeted expertise
With our team of adhesive experts and our dedicated sales force, you can be assured that we offer a wealth of expertise. We do not only provide you with capabilities spanning from research and development through to logistics, but we can also offer you valuable market knowledge and in-depth technical expertise. That is why our know-how is spot-on, every time.

Absolute reliability
Any good business partnership is based on reliability. There is nothing more valuable than knowing that your business partner will be there for you. We take this to heart and offer you excellent product quality, security of supply and our continuous drive to make your challenges our own – this way we help you overcome any obstacle along the way.

Profiting from future orientation
Improving performance and efficiency can only be accomplished if you constantly stay ahead. That is why we identify future trends as early as possible, collaborating with you to develop innovative solutions. Our foresight is valued by customers and partners alike, because they know that we always keep an eye on the future to guarantee long lasting success.

YOUR MARKETS – OUR FOCUS

We offer custom-made Adhesive & Sealant solutions for a broad spectrum of industries. If you don’t find your line of business here, just talk to us. Our team will gladly help you accomplish your project.

- Automotive
- Construction
- Packaging
- Electronics
- Processing Aides
- Product Assembly

YOUR SOLUTIONS – OUR BRANDS

DYNACOLL®
Polyester-Polyols, Copolyesters, Polyacrylates

VESTOPLAST®
Amorphous Poly-Alpha-Olefins

VESTOWAX®
Fischer-Tropsch-Waxes

POLYVEST®
Liquid Polybutadienes

DEGALAN®
Methacrylate Binders for Heat Seal Lacquers

Our Product Range

DEGALAN® methacrylate binders represent an excellent solution for heat sealing applications in the packaging industry. They are ideally suited for formulation of high-quality lacquers to provide an excellent and secure heat sealing in combination with smooth peeling.
BINDERS FOR HEAT SEALING APPLICATIONS

With its DEGALAN® binders Evonik offers a unique product portfolio of functional methacrylic co-polymers. These binders represent an excellent solution for heat sealing applications in the packaging industry.

Our functional binders can be divided into four groups based on their appearance:
- DEGALAN® - Bead Polymers
- DEGALAN® - Organic Solutions
- DEGALAN® - Organic Dispersions
- DEGALAN® - Aqueous Dispersions

Our DEGALAN® binders for heat sealing applications are ideally suited for formulation of high-quality lacquers to provide an excellent and secure heat sealing in combination with smooth peeling.

DEGALAN® organic dispersions provide direct adhesion to aluminum or PET lidding material for economical and environmentally friendly packaging solutions.

All common cup materials from polar polystyrene to non-polar polypropylene can be sealed, PET and PLA included.

All products comply with international regulations for incident food contact.

DEGALAN® methacrylate bead polymers are usually supplied in paper bags. DEGALAN® organic solutions, dispersions as well as aqueous dispersions can be supplied in drums, IBCs or tank trucks.

Your benefits at a glance
- Excellent seal and peel properties on aluminum foil or film structures
- Outstanding smooth peel effect
- Wide property range: from easy opening to high sealing strength
- Multi-purpose sealing capabilities to various substrates
- Economical and environmental friendly packaging solutions

Analytical Methods
Solid Content Determination according to DIN EN ISO 3251.
Viscosity Number Determination according to DIN 51562 respectively DIN EN ISO 1628-1.
Dynamic Viscosity Determination according to DIN EN ISO 3219.
Glass Transition Temperature (Tg) Determination according to DIN 53765 respectively DIN EN ISO 11357-1.
Molecular Weight (Mw) Determination according to DIN 55672-1.

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<th>Properties</th>
<th>Solid Content</th>
<th>Viscosity Number</th>
<th>Dynamic Viscosity</th>
<th>Glass Transition Temperature (Tg)</th>
<th>Adhesion to Aluminum</th>
<th>Adhesion to PET</th>
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Designed Polymers:
Discover our global network

NORTH- & MIDDLE AMERICA
Evonik Corporation
Resource Efficiency
Coating & Adhesive Resins
299 Jefferson Road
Parsippany, NJ 07054
USA
Phone +1 973 929-8453
adhesives@evonik.com

SOUTH AMERICA
Evonik Brazil Ltda.
Resource Efficiency
Coating & Adhesive Resins
Alcântara Campus, 579-10
19.406-600 São Paulo
Brazil
Phone +55 11 3416-2356
adhesives@evonik.com

MIDDLE EAST, AFRICA, INDIA
Evonik Staff EMEA
Resource Efficiency
Coating & Adhesive Resins
Dubai Silicon Oasis, Office 9-107
Dubai
UAE
Phone +971 4 3724173
adhesives@evonik.com

EUROPE
Evonik Resource Efficiency GmbH
Coating & Adhesive Resins
Kirschbacher
44229 Dortmund
Germany
Phone +49 231 8721-1076
adhesives@evonik.com

NORTH ASIA
Evonik Japan Co., Ltd.
Resource Efficiency
Coating & Adhesive Resins
Shinjuku Monolith 12F
2-3-1, Nishi-Shinjuku, Shinjuku-ku
Tokyo 163-0938
Japan
Phone +81 3 5323-7409
adhesives@evonik.com

CHINA, SOUTH-EAST ASIA
Evonik Specialty Chemicals Co., Ltd.
Resource Efficiency
Coating & Adhesive Resins
55 Chundong Road
Xinzhuang Industry Park
Shanghai 201108
China
Phone +86 21 6119-3274
adhesives@evonik.com

No datasheets available?
Start a download at
www.evonic.com/adhesive-resins
or contact us at degalan@evonic.com

Find your regional contact:
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