EcoSynthetix

EcoSphere biolatex binders are made from sustainably sourced renewable feedstocks that do not compete with food sources, such as sugars, carbohydrates and proteins. By following the “12 Principles of Green Chemistry” in the design and manufacture of our products, we ensure they don’t create waste, generate harmful by-products or leave a sizable environmental footprint. Our binders contain no Volatile Organic Compounds, creating a less harmful, more environmentally friendly solution.

who we are

Founded in 1996 by university friends, Dr. Steven Bloembergen and John van Leeuwen, EcoSynthetix has held the same fundamental beliefs since the beginning: the world needs to reduce its dependence on oil, and naturally derived products can be developed that match or exceed the performance characteristics of traditional petroleum-based chemicals. Today, we’re working hard to find ways to replace non-renewable chemicals with bio-based alternatives in a number of different market segments. Our vision is to become one of the world’s leading technology and market developers of bio-based materials.

what we do

We transform industries toward sustainability by offering a range of engineered biopolymers for targeted markets which enable profitable growth for our customers. By working closely and more responsively with our customers, we bring these solutions to market the fastest and most effectively in our industry. We do this in a unique and collaborative work environment using green chemistry, proprietary reactive extrusion and complementary manufacturing technologies to achieve low production costs, using minimal capital.

how we do it

Our Core Values shape our thinking and drive our efforts. They include:

- Innovation is the engine of our business
- Rapid, sustainable growth
- Customer needs
- Entrepreneurial teamwork
- Respect and reputation
- Responsibility and stewardship
- Health and safety
our products & markets

We offer a variety of bio-based monomers and polymers that are proven to help manufacturers reduce their reliance on petroleum-based chemicals and VOCs, while decreasing overall material costs, improving manufacturing performance and reducing their carbon footprint.

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<tr>
<th>paper &amp; paperboard</th>
<th>building materials</th>
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<td><strong>Our flagship product family,</strong> EcoSphere® biolatex® binders are in commercial use around the world in the paper coatings industry. They are used to replace petroleum-based Styrene Butadiene (SB) latex binders for paper coatings.</td>
<td><strong>DuraBind®,</strong> our engineered biopolymer product family, is used as a natural binder alternative for a number of products within the building materials sector. Using DuraBind, customers have been able to significantly reduce the use of highly regulated chemicals, such as formaldehyde, in their adhesive formulations.</td>
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<th>non-wovens</th>
<th>other markets</th>
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<td>Our products are being adopted for non-woven applications in the personal care space due to the improved economics and biodegradability that is achieved when using our bio-based binder systems. Our products offer excellent synergies with incumbent polymers for ease-of-incorporation in a variety of processes.</td>
<td><strong>EcoStix® bio-PSAs and EcoMer® biomonomers</strong> have helped clients meet recyclability and biodegradability requirements, reducing reliance on fossil fuels and improving product performance in the following areas: Adhesives, paints &amp; coatings, Labels, Personal Care Products</td>
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our global capabilities

We are a global organization, with manufacturing capabilities in the US and the Netherlands and commercial relationships with customers around the world. Our 40,000 square foot Centre of Innovation (pictured) is located in Burlington, Ontario, and serves as our corporate headquarters and primary research and development facility.

our team

- **Steven Bloembergen**
  Co-founder & EVP, Technology
- **Rob Haire**
  CFO
- **Jeff MacDonald**
  CEO
- **Ted Van Egdom**
  SVP Market Realization & Product Manufacturing