

Temprecision International Launches Plant-Based Foam Refrigerant Bricks For Use in Temperature Controlled Shipping

Temprecision® Advance Foam is certified OK biobased with a 4-star rating from TÜV Austria

KENT, Ohio USA – 08 April 2025 – [Temprecision International](#), a division of Smithers-Oasis and a worldwide leader in science-driven solutions for temperature-controlled shipping applications, has launched a plant-based foam called Temprecision® Advance Foam. Its renewable biomass materials led to the achievement of OK biobased certification from TÜV Austria with a 4-star rating, the highest available for OK biobased certifications.

Temprecision® Advance Foam is a groundbreaking innovation crafted from renewable sourced materials. It is a plant-based, biobased, low-carbon footprint, high-performance foam.

The original, proprietary Temprecision® Foam led to the invention of a refrigerant brick solution for cold chain shipping applications. Now, this solution is being reinvented as ThermaBrick® Refrigerant Bricks powered by Temprecision® Advance Foam which offer a low carbon footprint, high-performance solution.

“Smithers-Oasis entered the temperature control packaging category in 1999, but the formation of Temprecision International in 2018 resulted in a laser focus on sustainability, leveraging new materials and technologies. Temprecision® Advance Foam and the possibility for customers to have a biobased, temperature-stable, cold-chain shipping option exceeded my expectations. Yet it is exactly what is needed today,” said Robin Kilbride, President and CEO of Smithers-Oasis.

ThermaBrick® Refrigerant Bricks powered by Temprecision® Advance Foam will offer the same great benefits as the original ThermaBrick® Refrigerant Bricks – precise temperature control whether controlled frozen, controlled refrigerated, or controlled ambient, as well as dimensional and thermal stability that is customizable to the specific size of your payload.

Temprecision® Advance Foam has a carbon footprint that is 56% lower than that of the petroleum-based Temprecision® Foam, as tested and analyzed by independent, third-party agencies.

“Temprecision International is committed to long-term sustainability,” said David De Permentier, Vice President of Temprecision International. “As a global leader in temperature-controlled packaging and specialty foam, we believe in the responsibility to *Do Good. Every Day.* The significant reduction in the carbon footprint of Temprecision® Advance Foam is a reflection of that commitment.”



Temprecision® Advance Foam is launching in the United States, Europe, and Asia. It will be available for purchase later this year, and launches into other markets will be announced throughout 2025.

To learn more about Temprecision® Advance Foam, visit Temprecision.com/AdvanceFoam

About Smithers-Oasis

With more than 70 years of experience in foaming technology, Smithers-Oasis manufactures and markets specialty foams for a wide variety of applications including temperature control packaging, cast-alternative impression, absorption, molding, and propagation. Advancements in sustainable foaming technology and packaging are driven by a team of scientists who work in a global network of laboratories across five continents. With locations in more than 19 countries and resources around the world, the company's driving purpose is *Improving Lives Worldwide*. Smithers-Oasis, a privately owned company, is headquartered in Kent, Ohio, USA. To learn more about Smithers-Oasis, visit smithersoasis.com.

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