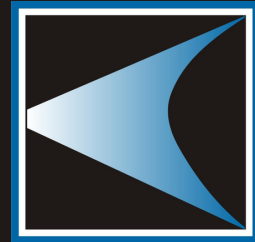


# SPRAY-TEK PRESS RELEASE



## **Spray-Tek Granted Patent for Breakthrough Biodegradable Microencapsulation Technology**

**New Innovation Combines Advanced Active Protection with Environmental Sustainability**

---

### **FOR IMMEDIATE RELEASE**

01/15/2025 - Spray-Tek, a leader in spray drying and microencapsulation technologies, proudly announces the granting of a groundbreaking patent for its novel biopolymer-based core/shell microencapsulation technology. This innovation marks a significant advancement in particle engineering, delivering exceptional protection for encapsulated actives—such as fragrance oils—while maintaining the environmental biodegradability of the polymer.

The patented approach modifies a biopolymer and utilizes it to form highly effective core/shell microcapsules. By combining robust active protection with sustainable materials, Spray-Tek's latest technology meets the growing demand for eco-conscious yet high-performing solutions.

"Receiving this patent from the U.S. Patent Office marks a significant milestone for Spray-Tek and underscores our commitment to innovation in microencapsulation technology. This achievement reflects the hard work and ingenuity of our team as we continue to deliver advanced biodegradable solutions for our clients across industries," said Ray Rambowski, CEO of Spray-Tek, LLC.

"This patent allows us to meet the very high demands of our customers' requirements – a polymer membrane that provides protection to the encapsulated active while also providing the ability for microbes found in the environment to break down the polymer. We've found a way to modify natural polymers in a way that allows us to make polymer membranes that can have low permeability," added Jiten Dihora, Chief Technology Officer at Spray-Tek.

This breakthrough expands Spray-Tek's particle engineering expertise, offering unique solutions to household care, personal care, and agrochemical industries. By enabling long-lasting performance, eco-friendliness, and innovative delivery systems, the patented technology allows brands to delight consumers while addressing environmental sustainability.

For more information about Spray-Tek's microencapsulation capabilities or to inquire about partnerships, visit [spray-tek.com](https://spray-tek.com).

## About Spray-Tek

Spray-Tek's technology platforms, including the newly patented microencapsulation process, empower brands to achieve next-level product functionality in a variety of applications such as home care, personal care, pet care, nutraceuticals, food and beverage, agrochemical, and more.

Learn more at [spray-tek.com](https://spray-tek.com).