Cabot Corporation Collaborates with IFF Health and Biosciences to Develop Sustainable Reinforcing Additives

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Collaboration Includes the Expansion of New Technologies for Advancing the Development and Commercialization of Sustainable Reinforcing Additives in Rubber Applications

BOSTON--(BUSINESS WIRE)--Dec. 1, 2021-- Cabot Corporation (NYSE: CBT) announced it has signed a Memorandum of Understanding (MOU) with IFF Health and Biosciences, a leader in world-class bio-science and engineering, for the development and commercialization of sustainable reinforcing additives for rubber products. Under the terms of this MOU, Cabot and IFF will exclusively work together to accelerate the advancement of innovative solutions that reduce greenhouse gas emissions and increase the amount of renewable bio-based content in rubber products.

Over the last year, the two companies have been exploring the development of novel, highly sustainable rubber reinforcing additives based on the use of IFF's Nuvolve™ engineered polysaccharide. Created by enzymatic polymerization of sustainable European sugar beets, Nuvolve™ engineered polysaccharide will be used as a rubber reinforcing material to be blended with Cabot's reinforcing carbons. Under the terms of this new MOU, Cabot will lead the development and commercialization of this novel product as a complementary material to Cabot's reinforcing carbons in rubber applications, leveraging the sustainability benefits of a renewable resourced material without compromising performance and safety.

"As a leading producer of reinforcing carbons and performance rubber composites, enabling sustainability through innovation and collaboration is core to our work. We are committed to investing in technologies that advance the sustainability and performance of our products and their use," said Dr. Fred Rumpf, senior R&D director, Reinforcement Materials Segment, Cabot. "We are proud to collaborate with IFF to test and develop renewable bio-based additives as a complement to reinforcing carbons in rubber products for applications, including tires, belts, hoses, gaskets and automotive weatherstrips. This MOU aligns with our sustainability commitment and contributes to the transition to a lower carbon future."

"We are thrilled to bring our enzymatic polymerization technology to Cabot which will provide new performance opportunities with a sustainable benefit in key markets where rubber reinforcing additives are used," said Christian Lenges, venture director, IFF. "We look forward to entering the development and commercialization phase with Cabot, who will enable access to key markets for the new engineered polysaccharide materials and accelerate sustainable innovation for the future of rubber products."

"This MOU demonstrates our commitment to invest in opportunities that respond to our customer demands for increasingly sustainable products," said Bart Kalkstein, senior vice president and president, Reinforcement Materials Segment, Cabot. "We are excited about this partnership with IFF to develop new, high-performance reinforcement materials to help our customers with their sustainability objectives while also helping the planet by reducing emissions. Developing new, innovative materials and technologies are just one of the ways that we are helping in the transition to a future world with lower carbon emissions."

For more information about Cabot's sustainability initiatives, visit cabotcorp.com/sustainability.

ABOUT CABOT CORPORATION

Cabot Corporation (NYSE: CBT) is a global specialty chemicals and performance materials company, headquartered in Boston, Massachusetts. The company is a leading provider of rubber and specialty carbons, activated carbon, elastomer composites, inkjet colorants, masterbatches and conductive compounds, fumed silica and aerogel. For more information on Cabot, please visit the company's website at cabotcorp.com.

ABOUT IFF HEALTH & BIOSCIENCES

IFF's Health & Biosciences (H&B) division is captivated by bioscience, fascinated by its potential, inspired by its vitality. We channel that passion into sustainable, life-enhancing technologies across a broad range of industries. By creatively applying our extensive expertise to customer and consumers' needs, we harness the science that breathes life into us, and delivers safer, healthier and more sustainable solutions.

ABOUT IFF

At IFF (NYSE: IFF), an industry leader in food, beverage, health, biosciences and sensorial experiences, science and creativity meet to create essential solutions for a better world – from global icons to unexpected innovations and experiences. With the beauty of art and the precision of science, we are an international collective of thinkers who partners with customers to bring scents, tastes, experiences, ingredients and solutions for products the world craves. Together, we will do more good for people and planet. Learn more at iff.com, Twitter, Facebook, Instagram, and LinkedIn.

Safe Harbor Statement under the Private Securities Litigation Reform Act of 1995: Statements in the press release regarding Cabot's business that are not historical facts are forward looking statements that involve risks and uncertainties. For a discussion of such risks and uncertainties, which could cause actual results to differ from those contained in the forward looking statements, see "Risk Factors" in the Company's Annual Report on Form 10-K.

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