

FOR IMMEDIATE RELEASE

Contact: Beth Schivley
Global Director Marketing Communications
Dymax Corporation
bschivley@dymax.com

Dymax® Oligomers & Coatings Partners with Mechnano

Will Promote Carbon Nanotube Technology for UV Applications

Torrington, Connecticut – April 8, 2021... [Dymax Oligomers and Coatings](#), a division of Dymax, has joined forces with Arizona company [Mechnano](#) to develop UV-curable dispersions and masterbatches of Mechnano's discrete, functionalized carbon nanotube (CNT) for UV applications. The partnership will have an initial primary focus on 3D printing applications with additional applications to follow.

Mechnano has developed a novel technology that enables the creation of stable dispersions of discrete, non-agglomerated CNTs. This technology unlocks the performance benefits of these discrete CNTs, and enables improvements to electrical and thermal conductivity, impact resistance, tear resistance, adhesion, corrosion resistance and much more. Dymax Oligomers & Coatings manufactures Bomar® oligomers and other raw materials for UV/EB applications, including a range of products designed for use in 3D printing applications.

"We are excited to be partnering with an innovative company like Mechnano and to be part of the team that helps bring the benefits of carbon nanotubes to 3D printing and CASE applications," commented David Robitaille, Business Unit Director for Dymax Oligomers & Coatings. "Dymax's experience in specialized UV-curable materials and formulations makes us a natural fit for this partnership, and we look forward to working with Mechnano on building out a portfolio of offerings for UV applications."

"Mechnano's partnership with Dymax strengthens our collective vision to continuously innovate and provide high-performance materials for a variety of applications," says Steven R. Lowder, CEO & Founder Mechnano. "Addressing UV-curable applications is just the beginning and we look forward to working together."

The partnership will focus on developing a range of functionalizations of the CNTs, supplied in a variety of dispersion bases, to target improvements to specific properties.

Dymax Corporation develops innovative oligomer, adhesive, coating, dispensing, and light-curing systems for applications in a wide range of markets. The company's products are perfectly matched to work seamlessly with each other, providing design engineers with tools to dramatically improve manufacturing efficiency and reduce costs. Major markets include



©2021 Dymax Corporation. All rights reserved. All trademarks in this guide, except where noted, are the property of, or used under license by, Dymax Corporation, U.S.A.

Technical data provided is of a general nature and is based on laboratory test conditions. Dymax does not warrant the data contained in this bulletin. Any warranty applicable to the product, its application and use, is strictly limited to that contained in Dymax's standard Conditions of Sale. Dymax does not assume responsibility for test or performance results obtained by users. It is the user's responsibility to determine the suitability for the product application and purposes and the suitability for use in the user's intended manufacturing apparatus and methods. The user should adopt such precautions and use guidelines as may be reasonably advisable or necessary for the protection of property and persons. Nothing in this bulletin shall act as a representation that the product use or application will not infringe a patent owned by someone other than Dymax or act as a grant of license under any Dymax Corporation Patent. Dymax recommends that each user adequately test its proposed use and application before actual repetitive use, using the data contained in this bulletin as a general guide.

P456

Dymax Corporation
+1.860.482.1010 | info@dymax.com | www.dymax.com

Dymax Europe GmbH
+49 611.962.7900 | info_de@dymax.com | www.dymax.de

Dymax Engineering Adhesives Ireland Ltd.
+353 21.237.3016 | info_ie@dymax.com | www.dymax.ie

Dymax Oligomers & Coatings
+1.860.626.7006 | info_oc@dymax.com | www.dymax-oc.com

Dymax UV Adhesives & Equipment (Shanghai) Co. Ltd.
+86.21.37285759 | dymaxasia@dymax.com | www.dymax.com.cn

Dymax UV Adhesives & Equipment (Shenzhen) Co. Ltd.
+86.755.83485759 | dymaxasia@dymax.com | www.dymax.com.cn

Dymax Asia (H.K.) Limited
+852.2460.7038 | dymaxasia@dymax.com | www.dymax.com.cn

Dymax Asia Pacific Pte. Ltd.
+65.6752.2887 | info_ap@dymax.com | www.dymax.com.cn

Dymax Korea LLC
+82.31.608.3434 | info_kr@dymax.com | www.dymax.com/kr

aerospace, appliance, automotive, cosmetics, electronics, industrial, medical device, metal finishing, and UV-curable inks & coatings.

For additional information, visit www.dymax-oc.com or contact Dymax O&C Application Engineering at O&Ctechnical@dymax.com or 860-626-7006.

Mechnano is the pioneer of a new carbon nanotube technology designed to improve additive manufacturing (AM) material performance. By harnessing and uniformly distributing carbon nanotubes (CNTs), Mechnano unleashes higher-performing materials with advanced material properties. Additionally, Mechnano's extraordinary functionalizations, known as Mech^T, make unheard of material properties a reality. Mechnano is strategically focused on helping formulators create revolutionary materials to empower engineers to maximize their designs and products. Mechnano's 100+ patents, leading nano-technology and dedication to excellence enables us to provide the highest quality products to our customers.

For additional information on Mechnano visit the website at <https://mechnano.com> or contact them at info@mechnano.com

#