

Global Matrechs, Inc. Announces European Pilot Order for HNIPU

RIDGEFIELD, CT August 1, 2005 (GMTH: OTCBB) Global Matrechs Inc., a company specializing in next-generation technologies for the nuclear, environmental and chemical industries, announced that it received a pilot order for two binder derivatives of HNIPU from a major corporation headquartered in Europe. HNIPU is a modified polyurethane with lower permeability, increased chemical resistance properties and material synthesis that has superior environmental characteristics to conventional polyurethanes.

The pilot order comes after eight months of collaboration between the Company and its Germany-based manufacturing/marketing partner, Environmental Friendly Material, GmbH (EFM), as well as through the evaluation of smaller samples of the products. The Germany-based partner, EFM, has been marketing HNIPU for fifteen months throughout the European community. Global Matrech's believes that the product's environmental properties and technical attributes, in particular the absence of toxic isocyanates, make it suitable for a variety of industrial applications.

The samples for the pilot order are being produced at the Polymate facilities in Israel. If one or more commercial-scale orders are placed, Global Matrechs currently expects that production will take place in Europe at production facilities established to address any such orders.

In addition, Global Matrechs has requested that EFM arrange for the production and delivery of three pilot-size sample orders for use in marketing activities in the U.S. coating industry. Michael Sheppard, President of Global Matrechs, said, "As the exclusive licensee of HNIPU, we are seeing the success of our working partnership with EFM coming to fruition. With EFM working alongside of Global Matrechs, we expect to receive these samples in the fourth quarter this year. We hope these moves will be the beginning of orders from both Europe and the United States. If the event arises we will welcome any outside marketing from our related companies."

For more info on HNIPU, please visit the Global Matrechs website at <http://www.globalmatrechs.com/PHNIPU.asp>

"Suppliers to the industry contend the combination of performance and environmental pressures make polyurethane coatings a premier technology for a wide number of products" <http://www.coatingsworld.com/jun012.htm>

About Global Matrechs: <http://www.globalmatrechs.com/> CT-based Global Matrechs, Inc. is a public company (OTC BB: GMTH; www.globalmatrechs.com) and licensed technologies business specializing in emerging technologies for nuclear energy storage and containment, Homeland Security and the environmental and chemical industries.

“Forward-Looking Statements”

Investors are cautioned that certain statements contained in this document as well as some statements in other periodic press releases and some oral statements of Company officials during presentations are “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995 (the “Act”). Forward-looking statements include statements which are predictive in nature, which depend upon or refer to future events or conditions, or which include words such as “expects,” “anticipates,” “intends,” “plans,” “believes,” “estimates,” “hopes,” “seeks,” or similar expressions. In addition, any statements concerning future financial performance (including future revenues, earnings or growth rates), ongoing business strategies or prospects, and possible future actions, which may be provided by management, are also forward-looking statements as defined by the Act.

Some of the factors that could significantly impact these forward-looking statements in this press release include, but are not limited to: insufficient cash flow to continue to fund the development and marketing of the Company’s products and technologies; the failure of the Company’s products and technologies to become commercially marketable; our ability or inability to obtain financing; the loss of key personnel; changes in financial markets and general economic conditions; and, disputes as to the Company’s intellectual property rights, including the Company’s rights to the technologies that it licenses. Forward-looking statements are based upon current expectations and projections about future events and are subject to risks, uncertainties, and assumptions about the Company, its licenses, products, economic and market factors and the sectors in which the Company does business, among other things. These statements are not guarantees of future performance and the Company has no specific intention to update these statements. More detailed information about those factors is contained in the Company’s filings with the Securities and Exchange Commission.

Contact:

Global Matrechs, Inc.

M. Sheppard

203-431-6665

or

Investor Relations, 866-269-5056

Email: info@globalmatrechs.com

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