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NEWS RELEASE



For Immediate Release

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**News for the Food Processing and
Plastics and Rubber Industries**

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Eriez® PolyMag® Additives Provide Strong Defense Against Plastic Contamination and Help Processors Meet New FSMA and HARPC Standards



Erie, PA— As processors throughout the United States implement additional safeguards to comply with new standards set forth by the [Food Safety Modernization Act \(FSMA\)](#) and [Hazard Analysis and Risk-Based Preventive Controls \(HARPC\)](#), Eriez® is experiencing increased demand for [PolyMag® additives](#). The FDA-compliant additives impart metal detectability, x-ray contrast and magnetic susceptibility when added to plastic moldings.

Incorporating these additives can prevent plastic contaminated food products from reaching the consumer.

Eriez provides [PolyMag additives](#) in a non-dusting pellet, allowing molders and extruders to produce metal detectable and x-ray visible plastic items used for food contact applications, such as pallets. “One of the core components of FSMA involves increased hygiene during shipping,” explains John Collins, Eriez PolyMag Business Manager. “To meet these requirements, many companies are eliminating wood pallets and upgrading to more hygienic plastic pallets that are manufactured with PolyMag additives.” He adds, “These additives are also used in a variety of other applications to meet preventive control requirements included in new government standards.”

[PolyMag additives](#) are typically included at 10 to 20 percent loadings in moldings and extrusions. In addition to pallets, the additives are an ideal choice for conveyor belts, ear plugs, elevator buckets, gaskets, totes, pens, markers, scoops, shovels, scraper blades, sifter cleaning balls and sliders, tags, labels and more.

Resins containing the PolyMag Gray HSCP can be pigmented as darker colors such as blue, gray, green, red and purple. PolyMag Beige XRD is preferred for applications that require a high level of x-ray contrast. Molders can include both the PolyMag HSCP and XRD masterbatch additives to impart metal detectability and x-ray contrast in plastic parts.

Eriez experts can also work with customers to create custom molding compounds. As a leading manufacturer of [metal detector systems](#), Eriez offers assistance in determining the level of detectability and x-ray contrast required by different food processing applications. Using samples customers provide, the Eriez team has the ability to supply an analysis of a product’s inspection signature.

Eriez offers a complete line of equipment for light industry applications to remove or detect contaminants and feed or convey products. To learn more about Eriez’ [Metal Detectors](#), [Magnetic Separators](#) and [Vibratory Feeders and Conveyors](#), visit <http://www.eriez.com/Markets/Index/Equipmentforthefoodmarket>. To obtain additional information about Eriez PolyMag additives and download literature and data sheets, go to <http://erieznews.com/nr399>.

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Eriez is recognized as world authority in separation technologies. The company's magnetic lift and separation, metal detection, fluid filtration, flotation, materials feeding, screening, conveying and controlling equipment have application in the process, metalworking, packaging, plastics, rubber, recycling, food, mining, aggregate and textile industries. Eriez manufactures and markets these products through 12 international facilities located on six continents. For more information, call toll-free (888) 300-ERIEZ (3743) within the U.S. and Canada. For online users, visit www.eriez.com or send email to eriez@eriez.com. Eriez World Headquarters is located at 2200 Asbury Road, Erie, PA 16506.

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