



*For Immediate Release*

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## **POLYMAG® ADDITIVES CAN HELP IMPROVE SAFETY OF FOOD PRODUCTS**

Eriez' **PolyMag**® Additives can impart "metal detectability" in plastic and rubber articles. Therefore, parts or pieces that can potentially contaminate food products can be detected, located and isolated using standard metal detectors.

To make plastic and rubber articles detectable, the first step is to blend the **PolyMag Additive** into the resin. By including the **PolyMag Additive** during compounding or molded part manufacturing, enough magnetic susceptibility is imparted to enable detection in conductive products using standard metal detectors.

By design, the **PolyMag Additives** impart a low level of magnetic susceptibility without substantial changes to the physical properties of the resin or molded part. The additives are available in a dry, free flowing pellet, with a non-polymer carrier that is compatible with a wide range of resins, or in powder form for compounding. The additives are available in two colors, black and light gray.

To verify the safety of the **PolyMag Additives** for food contact, Eriez had the United States Food and Drug Administration (FDA) review **PolyMag Additive** ingredients for FDA compliance in both single and repeat use food contact plastics and rubber applications. In a letter of opinion issued by the FDA in August 2006, the agency states that all **PolyMag Additive** compounds are regulated for this intended use.

Incorporating the proven-safe **PolyMag Additives** enables manufacturers to offer plastic and rubber detectable products, ideal for food contact applications where product purity and safety is crucial.

-More-

According to John Collins, Manager, PolyMag Division, the types of plastic and rubber products that can possibly be made detectable through the incorporation of the **PolyMag Additives** during manufacturing is practically limitless. "The availability of **PolyMag Additives** opens the door for a wide range of manufacturers to offer safe, economical plastic products for use in food contact environments."

Collins explains, "Through the use of the **PolyMag Additives**, manufacturers are able to expand current product lines to offer detectable versions of existing products, or even introduce brand new offerings." He added, "Possibilities include: gaskets, seals, o-rings, scrapers, gloves, scoops, shovels, spatulas, buckets and more."

To learn more about **PolyMag**, call Eriez today!

Eriez is recognized as world authority in advanced technology for magnetic, vibratory and metal detection applications. The company's magnetic lift and separation, metal detection, materials feeding, screening, conveying and controlling equipment have application in the plastics, process, metalworking, packaging, recycling, mining, aggregate and textile industries. Eriez manufactures and markets these products through nine international facilities located on five continents. For more information, call toll-free in the U.S. and Canada at (888) 300-(ERIEZ) 3743 or (814) 835-6000. For online visitors, go to [www.eriez.com](http://www.eriez.com) or send Email to [eriez@eriez.com](mailto:eriez@eriez.com)

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