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News

Cardia Biohybrid multilayer films for food contact

7 October 2009



Global sustainable resins supplier Cardia Bioplastics has announced a new range of Cardia Biohybrid™ based films that comply with the European Commission standard 2002/72 EC for food contact.

Cardia Bioplastics has lodged new provisional patents to protect this innovative technology, which expands its extensive patent portfolio. Cardia Bioplastics Managing Director Dr Frank Glatz said the multilayer film technology provides the food industry with excellent clarity, and mechanical and processing properties. "This development enables customers to move confidently into more sustainable packaging solutions and opens significant new market opportunities for Cardia Bioplastics, which extend from commodity packaging into the food packaging industry. The sustainability benefit of Cardia Biohybrid™ multilayer film also offers food marketers packaging solutions with a competitive edge for their products," said Frank Glatz. The packaging industry has an estimated value of US\$180 billion annually, of which a growing percentage is renewable and sustainable packaging. It is expected that growth in this industry will be significantly fuelled by consumers, regulators and brand owners who insist on packaging with a reduced carbon footprint and with environmental benefits. Manufacturing plant to double capacity Interest from international brands in Cardia Compostable and Cardia Biohybrid™ resins has resulted in the company's decision to expand its manufacturing facility in Nanjing, China. The relocation to a larger site will effectively double the company's manufacturing capacity. Although Cardia Bioplastics focuses on resin development and manufacture, the new facility will also provide for the manufacture of finished goods in the Cardia Bioproducts range. "We can help customers trial Cardia Compostable or Cardia Biohybrid™ materials through our product design, development and delivery service for finished film and bag goods," he said. New Global Application Development Centre In addition, Cardia Bioplastics has opened a new Global Application Development Centre at the company's Melbourne, Australia headquarters. This facility focuses on the application of Cardia Compostable and Cardia Biohybrid™ resins to customers' specific products.

"We work with many international customers to develop compostable products that meet strict regulatory requirements and biohybrid products that combine renewable thermoplastics with polyolefins that reduce customers' dependence on finite oil resources," said Frank Glatz. Frank Glatz said interest in sustainable resins is now growing consistently as international marketers seek a streamlined path to technologies that meet more demanding environmental solutions for their packaging and plastics products. Photo Caption CardiaGADC.jpg: Based at its Melbourne, Australia headquarters, the new Cardia Bioplastics Global Application Development Centre focuses on the application of Cardia Compostable and Biohybrid™ resins to specific customers' products. About Cardia Bioplastics Cardia Bioplastics is a leading developer, manufacturer and marketer of sustainable packaging resins derived from renewable resources for the global packaging and plastic

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products industry. Cardia Bioplastics is a fully owned subsidiary of Cardia Bioplastics Limited (ASX CODE: CNN). The company holds a strong patent portfolio for creating innovative resins based on its proprietary technology. Established in Australia in 2002 as Biograde, the company has corporate and operational offices in Australia, China, Germany, and the USA, and a manufacturing plant in Nanjing, China. Products are marketed worldwide and its business growth is fuelled by the global trend towards more sustainable packaging. As Biograde, the company was the exclusive supplier of biodegradable packaging to the 2008 Olympic and Paralympic Games. Biograde was awarded the Australian Chamber of Commerce "Australia-China Business Excellence Award" in 2008 and the 2009 CleanEquity Monaco Conference award for Excellence in the field of Environmental Technology Commercialisation.

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