

Sharing

-  [Digg](#)
-  [Delicious](#)
-  [Newsvine](#)
-  [Reddit](#)
-  [Twitter](#)
-  [Google](#)
-  [LinkedIn](#)
-  [Yahoo](#)
-  [Facebook](#)
-  [MySpace](#)
-  [Permalink](#)
-  [Email](#)



December 16, 2009 12:20 PM Eastern Time 

Graphene Innovator Vorbeck Materials receives LoREX approval from EPA

JESSUP, Md.--([BUSINESS WIRE](#))--Vorbeck Materials Corp. announced recent EPA approval to manufacture graphene as a conductive additive for inks. EPA's approval, which was granted under the terms of the Low Exposure, Low Release Exemption Rule (LoREX), enables the company to offer Vor-ink™, a highly conductive, versatile, and low-cost, conductive ink, for commercial sale to the printed electronics industry. Vor-ink™ is the first commercially available, EPA-approved graphene product in the U.S. market.

Vor-ink's exceptional conductivity fills the performance gap between less conductive carbon-filled inks and expensive silver-based inks. Because it is not metallic, Vor-ink can be dried and cured under the same conditions as graphic ink. "Vor-ink offers our customers in the printed electronics industry a more cost-effective and versatile alternative to existing conductive inks," said Vorbeck President John Lettow.

Vor-ink creates robust films with outstanding flexibility and crease resistance. Even in thin coatings (1 micron), Vor-ink maintains its rated conductivity.

Vor-ink comes in a variety of grades to suit specific printing methods, substrates, and applications. Vor-ink can be used in the development of printed electronics, sensors & electrodes, coatings, and security & identification labeling, among other applications.

About Vorbeck Materials Corp.

Vorbeck Materials Corp. is a global technology company established in 2006 to manufacture and develop applications using Vor-x™, Vorbeck's unique graphene material. Using core technology licensed from Princeton University, Vorbeck's Jessup, Maryland facility has the capacity to manufacture graphene in ton quantities.

Vorbeck works with its development partners to produce commercial and government applications for Vor-x in the areas of electronics, composites, and energy. With excellent conductivity, surface areas over 1,800 m²/g, outstanding dispersability and stability, Vor-x stands out from traditional and nano fillers. Further information on Vorbeck is available at www.vorbeck.com or by emailing info@vorbeck.com.

Contacts

Vorbeck Materials Corp.
Kristen Silverberg, 301-497-9000
kristen.silverberg@vorbeck.com

Permalink: <http://www.businesswire.com/news/home/20091216005914/en>