



Nanotechnology Causes Disruption - Cross Industry
PR Newswire | 06 Jan 2009 | 06:00 AM ET

BRIGHTON, Mich., Jan 06, 2009 /PRNewswire via COMTEX/ -- Nanotechnology can be described as the science of molecular engineering, and is currently changing the way many industries think of surface coatings. Imagine a scratch-free automotive finish, a barnacle-free boat hull, a self-cleaning aircraft or a wheel without brake-dust. This vision has become a commercial reality using nanotechnology materials and concepts. Nanovere Technologies based in Brighton, MI has developed market-ready nanocoatings to significantly reduce OEM surface scratching by over 50% and reduce surface cleaning by 60%.

The nanocoating platform is named Zyvere, and was specifically developed to prevent surface scratching including car keys and to significantly reduce surface cleaning and maintenance. Zyvere nanocoatings also improve fuel efficiency for aircraft, improve wind turbine efficiency and reduce barnacle adhesion on boat hulls. With all of these capabilities, you would expect a dramatically higher price point. Not true. Zyvere nanocoatings are competitively priced with other industry leading OEM coatings, but with far greater performance.

What is so unique about Zyvere nanocoatings? According to Nanovere's Chairman and Principal Scientist Thomas Choate, "Nanovere has developed a complete line of patent pending 1K and 2K nanocoatings based on nano-structured materials and concepts. Zyvere nanocoatings provide extreme crosslink dense films with remarkable flexibility, and were designed to resist scratching, improve clean-ability and improve UV resistance. Even after 5 years, our Nanovere nanocoatings have 100% gloss retention, a feat just not possible with conventional clear coating finishes." Nanovere works closely with global Automotive OEM's to improve gloss retention from long-term car washing, prevent scratching, reduce vehicle weight using Zyvere over polycarbonate (in place of glass), and to reduce the unsightly appearance of brake dust on wheels. Nanovere's latest automotive coating technology includes an eco-friendly 100% solids UV cure clear coating with 7H pencil hardness and self-cleaning dirt release properties. By using ultraviolet light energy to instantly cure the applied coating, significant cost and energy savings are realized vs. conventional thermal cure systems. Nanovere also works closely with aerospace leaders to improve fuel efficiency and reduce deicing materials needed on the runway.

About Nanovere Nanovere focuses on the research, development, manufacturing and licensing of 1st to market nanocoating formulations with remarkable physical properties including car keying resistance and self-cleaning properties. Nanovere has developed a complete line of commercially available ambient cure, heat cure and 100% solids UV cure nanocoating formulations serving the automotive, aerospace, marine and industrial markets.

To learn more about nanotechnology or Nanovere, please visit <http://www.nanocoatings.com> Contact: Thomas Choate Telephone: (877) 998-3737 Nanovere Technologies 4023 S. Old US 23, Suite 101 Brighton, MI 48114 Email: question@nanovere.com Web Site Address: www.nanocoatings.com SOURCE Nanovere Technologies, Inc.

URL: <http://www.nanocoatings.com> www.prnewswire.com Copyright (C) 2009 PR Newswire. All rights reserved -0- KEYWORD: Michigan INDUSTRY KEYWORD: NAN

CPR

MTC SUBJECT CODE: PDT

URL: <http://www.cnbc.com/id/28518219/>

[Privacy Policy](#) . [Terms of Service](#)
© 2009 CNBC.com