



PPG Begins Using Chloride-Based TiO₂ from Henan Billions in Coatings Production

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PITTSBURGH--(BUSINESS WIRE)--Dec. 15, 2015-- PPG Industries (NYSE:PPG) today announced it has begun using chloride-grade titanium dioxide (TiO₂) produced in commercial quantities by Henan Billions Chemicals Co., Ltd., including PPG's licensed chloride-based technology. PPG is using the TiO₂ to produce standard grades of its coatings products.

The 366,000-square-meter plant that produced the chloride-grade TiO₂ is located in the Henan Province of China and currently has capacity to produce 100,000 metric tons of chloride-grade TiO₂ per year with the capability to expand. Under an agreement established in 2012, PPG licensed certain chloride-based technologies for the manufacture of TiO₂ to Henan Billions for use on a global basis. PPG has supported the startup of Henan Billions' new chloride process plant with quality and process improvements, analytical testing support and product evaluations. PPG also may license its technology to other TiO₂ producers.

TiO₂ is an important raw material widely used by PPG and other paint and coatings manufacturers as a pigment to provide hiding, durability and whiteness characteristics.

"Our partnership with Henan Billions exemplifies PPG's commitment to securing high-quality supplies of titanium dioxide required to support our business growth," said Michael H. McGarry, PPG president and CEO. "This latest accomplishment with our strategic partner Henan Billions is a milestone in our relationship."

About Henan Billions Chemicals Co., Ltd.

China-based Henan Billions Chemicals Co., Ltd., produces and sells titanium dioxide and zirconium. The company is located in Jiaozuo City, Henan Province, and had 2014 sales of about \$350 million. Its shares are traded on the Shenzhen stock exchange.

PPG: BRINGING INNOVATION TO THE SURFACE.™

PPG Industries' vision is to be the world's leading coatings company by consistently delivering high-quality, innovative and sustainable solutions that customers trust to protect and beautify their products and surroundings. Through leadership in innovation, sustainability and color, PPG provides added value to customers in construction, consumer products, industrial and transportation markets and aftermarkets to enhance more surfaces in more ways than does any other company. Founded in 1883, PPG has global headquarters in Pittsburgh and operates in more than 70 countries around the world. Reported net sales in 2014 were \$15.4 billion. PPG shares are traded on the New York Stock Exchange (symbol: PPG). For more information, visit www.ppg.com and follow [@PPGIndustries](https://twitter.com/PPGIndustries) on Twitter.

Bringing innovation to the surface is a trademark and the *PPG Logo* is a registered trademark of PPG Industries Ohio, Inc.

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Source: PPG Industries

Media:

PPG Corporate Communications

Mark Silvey, +1-412-434-3046

silvey@ppg.com

or

Investors:

PPG Investor Relations

Scott Minder, +1-412-434-3466

sminder@ppg.com