



OSHA RESPIRABLE
CRYSTALLINE SILICA
REGULATION &
COMPLIANCE
GROUTS, REPAIR
MORTARS & FLOOR
LEVELERS

**PERFORM
WITH
PRECISION**

 **DAYTON[®]**
SUPERIOR

Dayton Superior, the leading North American provider of engineered product solutions for the nonresidential concrete construction market, is pleased to be among **the first manufacturers to confirm their powder-based chemical products significantly exceed the compliance requirements of the Occupational Safety and Health Administration's (OSHA) regulation on airborne crystalline silica.** This regulation, adopted in June 2016, lowers the permissible exposure limit (PEL) to airborne crystalline silica. Per OSHA mandate, all construction jobsites must be in full compliance by June 2017.



As part of an overall corporate initiative on safety, Dayton Superior chose to take a proactive approach to ensure employee welfare and the well-being of customers. Third party testing of affected product categories, including floor leveler, repair mortar and grout, in real world, indoor applications were conducted along with air quality testing within the manufacturing facilities. In both, test results revealed airborne crystalline silica concentrations substantially lower than the newly established OSHA PEL.

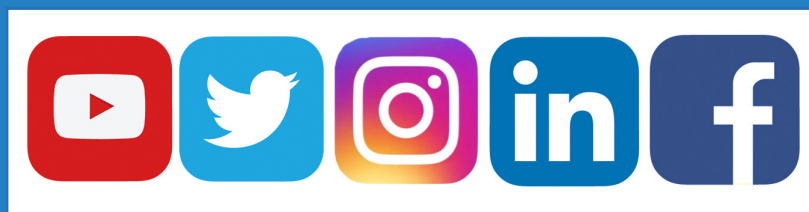
According to the testing report, the exposure level was below the capability of the test method to detect.

"The independent test results in this matter are indicative of our entire approach to safety at Dayton Superior," stated Rick Lindstrom, Vice President, Engineering. *"While some manufacturers are just starting to figure out how to bring their facilities and products into compliance, we are exceeding expectations. Safety is our top priority and as such, we see compliance not as a burden, but our contribution to improve and possibly even save lives."*

Crystalline silica is a naturally occurring material found in many workplaces. However, inhalation of airborne crystalline silica at elevated levels poses serious risks to respiratory health including silicosis and lung cancer. With this new regulation, OSHA estimates prevention of at least 900 new cases of silicosis and another 600 lives saved each year.



To learn more about our manufactured products, please visit our website at www.DaytonSuperior.com and visit our chemical product line. You can also keep up to date with our latest news and events on our social media channels under 'Dayton Superior'.





DAYTON SUPERIOR IS YOUR TRUSTED SOURCE FOR OSHA-COMPLIANT GROUTS, REPAIR MORTARS AND UNDERLAYMENTS. LEADING PRODUCTS INCLUDE:



1107 ADVANTAGE GROUT is a non-shrink, non-corrosive, non-metallic cementitious grout. 1107 Advantage Grout is designed to provide a controlled, positive expansion to ensure an excellent bearing area. 1107 Advantage Grout can be mixed from a fluid to a stiff plastic consistency.



HD 50 is a fast setting, fiber reinforced, latex-modified, heavy duty, one component concrete repair material requiring only water to mix and apply. HD 50 is a cement based compound having similar characteristics to normal portland cement mixes and is compatible with portland cement concrete.



LEVELAYER® is a cement based, nonshrink, self-leveling floor underlayment designed for interior use. The Levelayer provides a smooth subfloor that typically will accept floor coverings in as little as 14 hours after installation. Just mix with water, pour or pump, and it will seek its own level to produce a smooth, flat, hard surface.

For more information on Dayton Superior's complete portfolio of powder-based products, visit us at www.DaytonSuperior.com/powders



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A nighttime photograph of a city skyline, likely New York City, with numerous skyscrapers illuminated. In the foreground, a multi-lane highway is shown with long-exposure light trails from cars, creating streaks of white and red. The sky is a deep blue twilight. A dark teal triangular graphic is overlaid on the right side of the image, containing the text "PERFORM WITH PRECISION".

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