

# DID YOU KNOW?

## SILICA IN CONSTRUCTION

BUILDING TRUST



### STARTING SEPTEMBER 23<sup>RD</sup>, 2017, OSHA 29 CFR 1926.1153 SILICA IN CONSTRUCTION WILL BE EFFECTIVE.

$\mu\text{g}/\text{m}^3$  Levels

**DANGER**

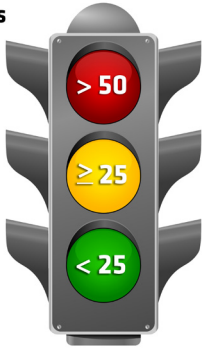
> 50

**CAUTION**

$\geq 25$

**ACCEPTABLE**

< 25



Exposure to breathable crystalline silica has been linked to silicosis, lung cancer, chronic obstructive pulmonary disease and kidney disease.

For that reason, OSHA reduced the Permissible Exposure Limit (PEL) of respirable crystalline silica average by five over an 8-hour shift. Now, the concentration of airborne respirable crystalline silica needs to be below 25 micrograms per cubic meter of air ( $25 \mu\text{g}/\text{m}^3$ ) over an 8 hour time weighted average (TWA).

### THE EXPOSURE OF SILICA CAN BE THROUGH MULTIPLE ACTIVITIES ON JOB SITE:

- Using tools and heavy equipment for demolition.
- Chipping, cutting, sawing, drilling, grinding, sanding, and crushing of concrete, brick, block, rock, and stone products.
- Use of sand products.
- Use of handheld power saws without dust controls to cut concrete.

### THE SIKA SOLUTION

Sika® Level-425 was developed with an innovative dust reduction technology. This self-leveling underlayment is excellent for all interior commercial and residential projects, specifically institution, hospitals and medical buildings. This solution drives you one step closer to meeting the OSHA compliance regarding the crystalline silica exposure. In the meanwhile it will reduce dust around electronics sensitive to small particles compared to the use of traditional self-leveling products in the market.



**FOR MORE INFORMATION**

Visit us at [SikaSecure.com](http://SikaSecure.com)



Floor Covering: No. 1