

**Make Dust History: Protect the Tools You Can't Replace**

# MAKE DUST HISTORY

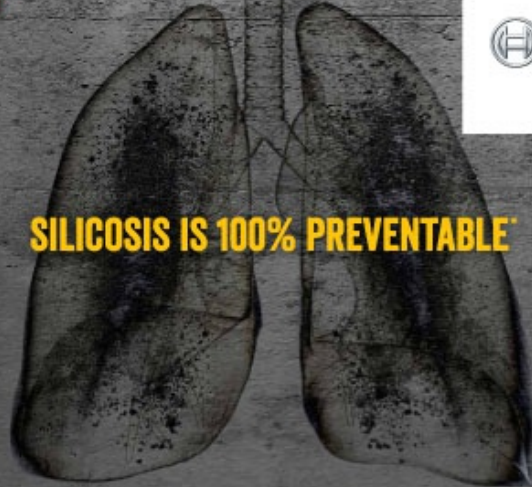
## PROTECT THE TOOLS YOU CAN'T REPLACE

Dust exposure from construction-related tasks can pose severe health problems. Following the right procedures and using the right tools can significantly help to minimize your risk.

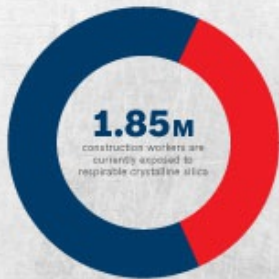
Visit [boschtools.com/PROGUARD](http://boschtools.com/PROGUARD) for more information.



**SILICOSIS IS 100% PREVENTABLE\***



### Let's dive into the facts.\*



MORE THAN **640,000** are exposed to silica levels that exceed the Occupational Safety & Health Administration's (OSHA) proposed Permissible Exposure Limit (PEL)

#### CAUSES OF DUST EXPOSURE



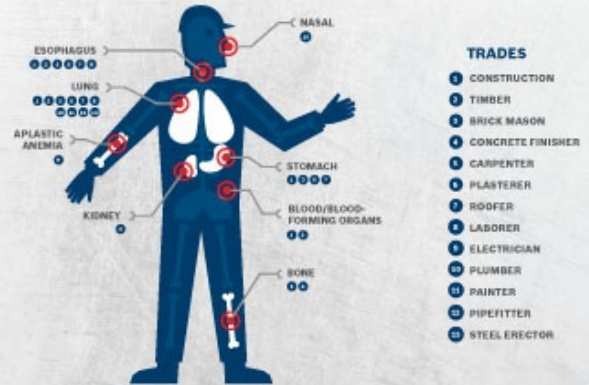
#### WHAT IS RESPIRABLE CRYSTALLINE SILICA?

PARTICLES SMALL ENOUGH TO BE BREATHABLE THAT CONTAIN CRYSTALLINE SILICA (QUARTZ, CRISTOBALITE OR TRIDYMITE). THEY ARE CREATED DURING PROCESSES INVOLVING THE CHIPPING, CUTTING, DRILLING OR GRINDING OF MATERIALS THAT CONTAIN ANY CRYSTALLINE SILICA.



#### ARE YOU AT RISK?

Prolonged exposure to dust has been linked to several types of cancer. Workers in different trades face increased risks of specific illnesses.



#### OSHA IS CRACKING DOWN

IN 2016, OSHA REDUCED THE PEL OF RESPIRABLE CRYSTALLINE SILICA AVERAGED OVER AN 8-HOUR SHIFT BY 5X.

PRE-2016

2016



#### BUT IT'S NOT ALL BAD

WORKERS CAN HELP PREVENT EXPOSURE TO DUST AND OTHER PARTICLES BY FOLLOWING THESE SIMPLE GUIDELINES:



Wear protective equipment and dust masks during construction tasks

Do not eat, drink or use tobacco products in dusty areas

Wash hands and face before eating, drinking or using tobacco products outside of dusty areas

Park cars where they will not be contaminated with silica, lead, wood dust, etc.

**250 micrograms/ cubic meter of air**

**50 micrograms/ cubic meter of air**

**THE RIGHT TOOLS CAN HELP EVEN MORE**  
DUST EXTRACTION TOOLS AND ACCESSORIES CAN SIGNIFICANTLY HELP TO REDUCE DUST EXPOSURE.

**DUST EXTRACTION BITS\***  
Featuring a compact, lightweight design, these bits offer fast job-site cleanup and capture up to 96% of particles.

**DUST EXTRACTION\***  
E-Box and collect dust on the job-site with select tools capturing up to 99.02% of particles (all excesses and beyond).

**DUST SHROUD\***  
Drilling and Grinding attachments transport cleaner air and reduce dust exposure.

**DUST COLLECTION ATTACHMENT\***  
Dual air chambers provide 100% dust collection during use and capture 90% of dust.

Source:  
1. https://www.cdc.gov/niosh/topics/dust/silica.html  
2. https://www.osha-slc.gov/OSHA-silica-dust-infographic  
3. https://www.osha-slc.gov/OSHA-silica-dust-infographic  
4. https://www.osha-slc.gov/OSHA-silica-dust-infographic

\*Based on Bosch Power Tools Dust Extraction System. More info: [www.boschtools.com/boschtools](http://www.boschtools.com/boschtools)  
\*Based on Bosch Power Tools 100% Dust Collection System. More info: [www.boschtools.com/boschtools](http://www.boschtools.com/boschtools)  
\*Based on Bosch Power Tools 100% Dust Collection System. More info: [www.boschtools.com/boschtools](http://www.boschtools.com/boschtools)  
\*Based on Bosch Power Tools 100% Dust Collection System. More info: [www.boschtools.com/boschtools](http://www.boschtools.com/boschtools)

Created by Bosch Tools, a market leading provider of power tools and accessories distributed by authorized sales and service partners. [www.boschtools.com](http://www.boschtools.com)

©2017 Robert Bosch Tool Corporation

Dust exposure from construction-related tasks can pose severe health problems. Follow the right procedures and use the right tools to minimize your risk.

Additional assets available online:

<http://pressroom.boschtools.com/OSHA-silica-dust-infographic>