

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

MAKE DUST HISTORY

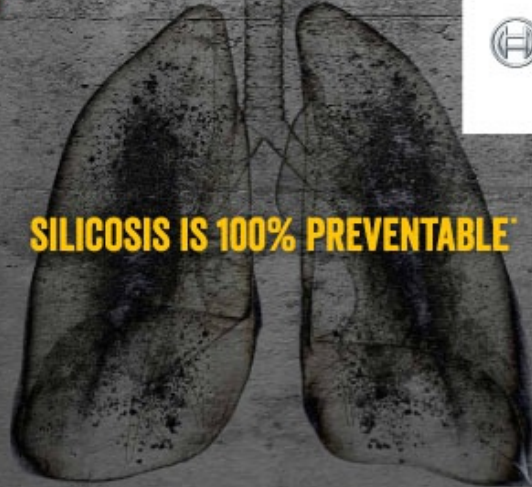
PROTECT THE TOOLS YOU CAN'T REPLACE

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.

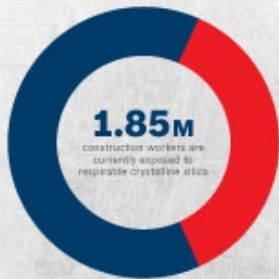
Visit boschtools.com/PROGUARD for more information.



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



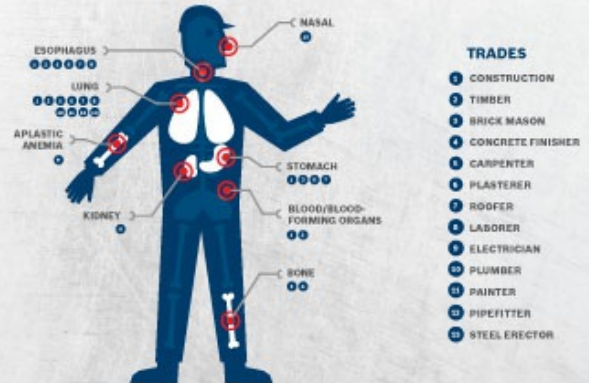
WHAT IS RESPIRABLE CRYSTALLINE SILICA?

PARTICLES SMALL ENOUGH TO BE BREATHABLE THAT CONTAIN CRYSTALLINE SILICA (QUARTZ, CRISTOBALITE OR TRIDYMITTE). 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**
Filter and collect dust on the job site with select tools capturing up to 99.02% of particles for excess and beyond cleanup.


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

DUST COLLECTION ATTACHMENT*
Dual air chambers provide 100% dust collection during use and capture 80% of dust.

*Source:
1. Bosch Power Tools (2017) [https://www.bosch.com/na/en/pressroom/2017/04/2017-04-20-01.html]
2. Bosch Power Tools (2017) [https://www.bosch.com/na/en/pressroom/2017/04/2017-04-20-02.html]
3. Bosch Power Tools (2017) [https://www.bosch.com/na/en/pressroom/2017/04/2017-04-20-03.html]
4. Bosch Power Tools (2017) [https://www.bosch.com/na/en/pressroom/2017/04/2017-04-20-04.html]
5. Bosch Power Tools (2017) [https://www.bosch.com/na/en/pressroom/2017/04/2017-04-20-05.html]
6. Bosch Power Tools (2017) [https://www.bosch.com/na/en/pressroom/2017/04/2017-04-20-06.html]
7. Bosch Power Tools (2017) [https://www.bosch.com/na/en/pressroom/2017/04/2017-04-20-07.html]
8. Bosch Power Tools (2017) [https://www.bosch.com/na/en/pressroom/2017/04/2017-04-20-08.html]
9. Bosch Power Tools (2017) [https://www.bosch.com/na/en/pressroom/2017/04/2017-04-20-09.html]
10. Bosch Power Tools (2017) [https://www.bosch.com/na/en/pressroom/2017/04/2017-04-20-10.html]

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Additional assets available online: 

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