

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

MAKE DUST HISTORY

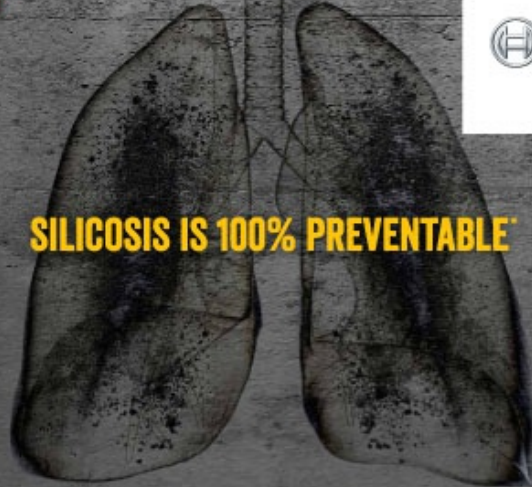
PROTECT THE TOOLS YOU CAN'T REPLACE

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.

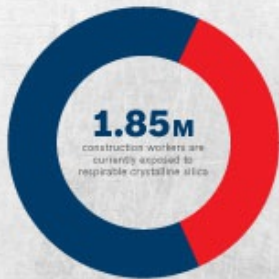
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SILICOSIS IS 100% PREVENTABLE*



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



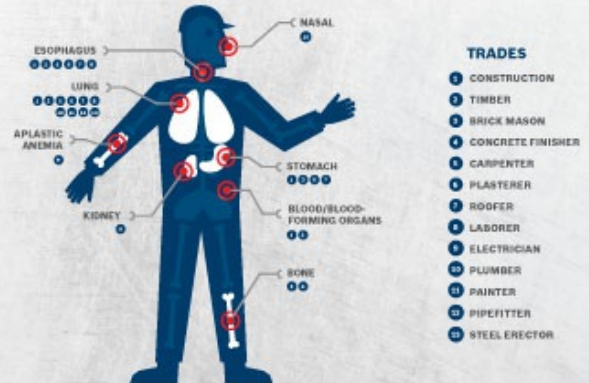
WHAT IS RESPIRABLE CRYSTALLINE SILICA?

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.

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

250 micrograms/ cubic meter of air → **50 micrograms/ cubic meter of air**

DUST EXTRACTION BITS: Featuring a compact, lightweight design, these bits offer fast job-site cleanup and capture up to 30% of particles.

DUST EXTRACTION: Filter and collect dust on the job-site with select tools capturing up to 89.00% of particles (all excesses and beyond standard).


DUST SHROUD: Drilling and grinding attachments support cleaner air and reduce dust release.

DUST COLLECTION ATTACHMENT: Dust air chambers provide for best dust collection during use and capture 81.00%.

Source:
1. Bosch Power Tools. OSHA (Occupational Safety and Health) | www.osha-slc.gov
2. Bosch Power Tools. OSHA (Occupational Safety and Health) | www.osha-slc.gov
3. Bosch Power Tools. OSHA (Occupational Safety and Health) | www.osha-slc.gov
4. Bosch Power Tools. OSHA (Occupational Safety and Health) | www.osha-slc.gov

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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>