Silica in construction



Crystalline silica is the hazardous type for construction workers. The most common form is quartz.

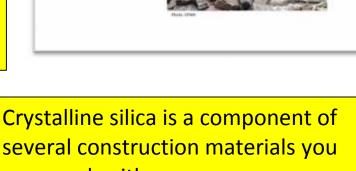


Quartz

Performing tasks such as cutting, drilling, coring, grinding, sanding, sandblasting, pulverizing, dry mixing, cleaning up with these materials may create airborne silica dust that can harm your health. Silica is a naturally occurring mineral found in all parts of the globe.

Silica is found in rock, soil and sand

 Silica is composed of the elements Silicon + Oxygen = SiO₂



may work with.

These materials may contain silica

- Asphalt
- Brick
- Cement
- Concrete
- Concrete block
- Drywall
- Fiber cement products (siding, cladding panels)
- Grout
- Gunite/Shotcrete
- Mortar
- Paints
- Plaster

- Refractory Mortar/Castables
- Refractory units
- Rock
- Roof tile (concrete)
- Sand
 - Soil (fill dirt, top soil, soil w/fly ash added)
 - Store (granite, limestone, quartzite, sandstone, shale, slate, cultured, etc.)
 - Stucco/EIFS
 - Terrazzo
 - Tile (clay and ceramic)

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