

DustShield™ Treated Fracturing Sand

Reduce Worker Exposure to Respirable Crystalline Silica

DustShield™ is Covia's hydraulic fracturing sand treated with DST™ dust suppression technology, developed to help customers comply with the OSHA standard. This innovative sand product is an operationally transparent engineering control that reduces worker exposure to respirable crystalline silica (RCS).*

DustShield™ Treated Fracturing Sand

- Minimizes airborne particles generated during proppant conveyance, mixing and pumping
- Field trials have shown DustShield™ is capable of bringing employee exposure below the permissible exposure limit (PEL) by mitigating job site RCS levels by up to 99%*
- Provides protection at all points of exposure throughout the supply chain
- Compatible with all tested frac fluids

*When used properly

Up to
99%
reduction in
respirable
crystalline
silica*

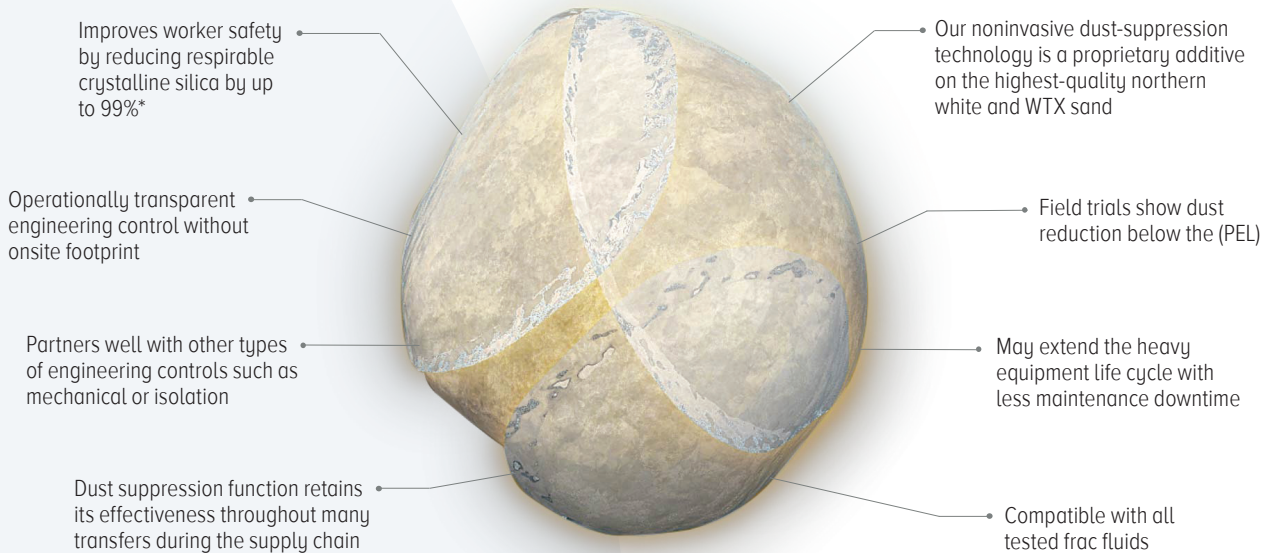
- Is seamlessly integrated
 - Treatment is applied at the source
 - Immediate results—requires no process modifications
 - No dust by-product to dispose of
 - No downtime due to mechanical failures

Untreated Sand vs. Treated Sand



Image: Behind the scenes, 2016.

*Our studies show DustShield™ treated sand significantly reduces respirable crystalline silica by up to 99% as compared to untreated silica sand.**



GRADE NUMBERS INDICATE RELATIVE VALUES OR RESULTS. THEY ARE NOT A SPECIFICATION OR WARRANTY OF PERFORMANCE.

HEALTH HAZARD WARNING: Prolonged inhalation of dust associated with the materials described in this data sheet can cause delayed lung injury including Silicosis, a progressive, disabling and sometimes fatal lung disease. IARC and NTP have determined that crystalline silica can cause lung cancer in humans. Risk of injury is dependent on the duration and level of exposure. Follow OSHA or other relevant safety and health standards for the form of crystalline silica called Quartz. Current safety data sheet, containing safety information, is available and should be consulted before usage.

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Silica/Silica Containing

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