



It's a disease we saw quite commonly in the 1940s, '50s and '60s in people who were jack-hammering Sydney sandstone"

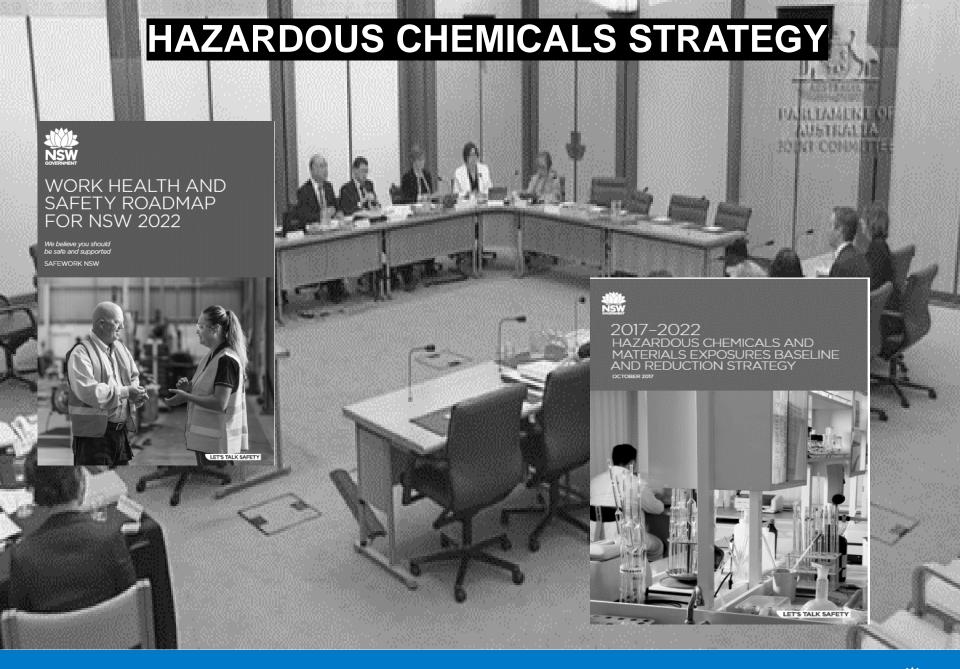
"Control measures were introduced, mainly just putting water on the process to keep the dust down and with those measures, it basically disappeared"

Dr Johnson, Thoracic Society of Aust & NZ

The re-emergence of relatively forgotten industrial diseases, including silicosis and black lung disease (in Queensland coal mines) has alarmed Australian health professionals.













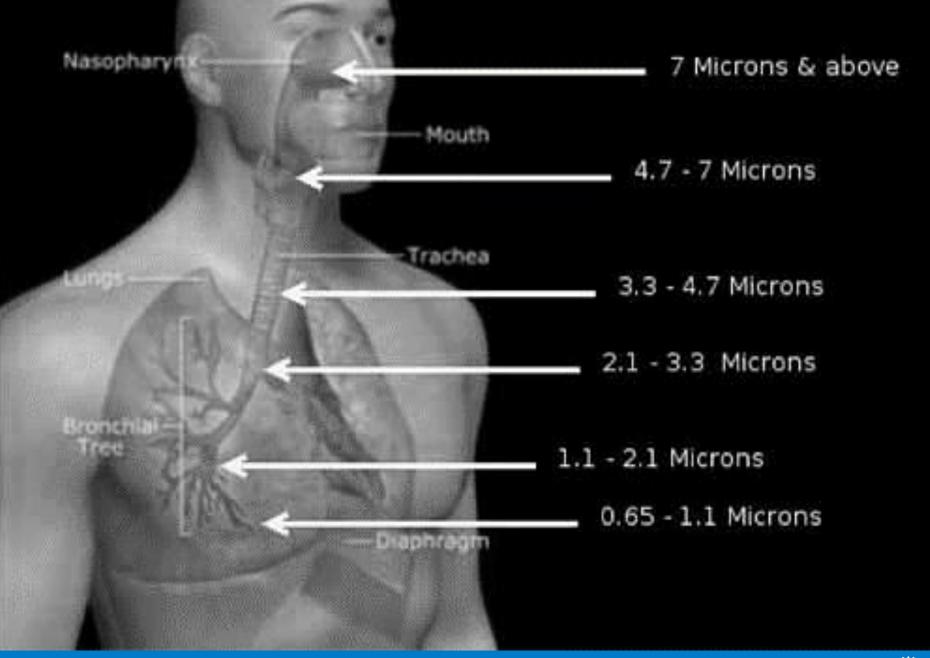
HEALTH EFFECTS

SILICOSIS
Classic
Accelerated
Acute (very rare)

LUNG CANCER

CHRONIC
OBSTRUCTIVE
PULMONARY
DISEASE (COPD)





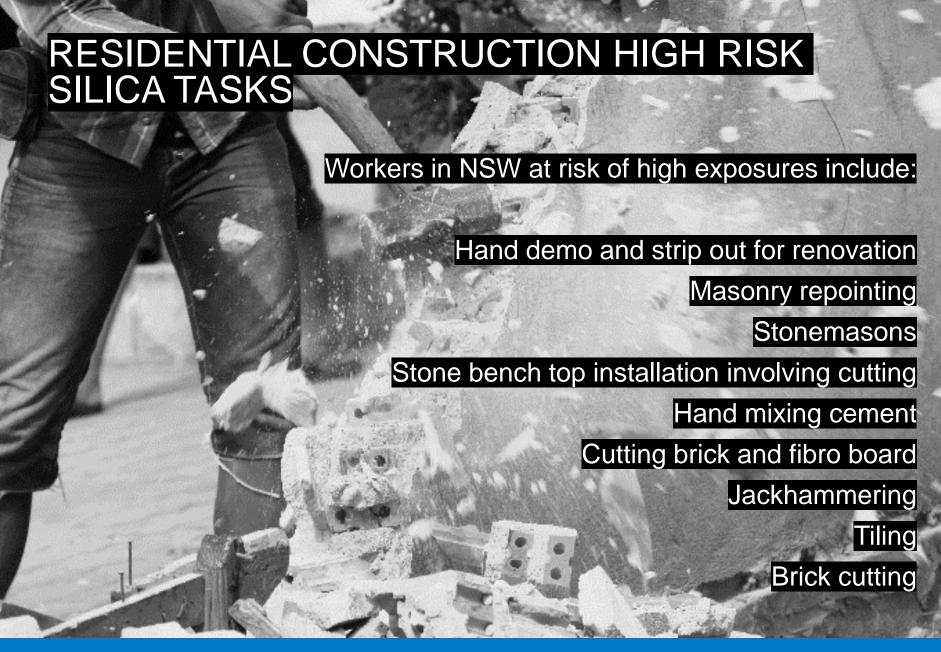


WHAT COMMON PRODUCTS HAVE HIGH SILICA CONTENT

Material	Crystalline silica content %
Sandstone	70 – 90
Concrete/Mortar	25 – 70
Tile	30 - 45
Granite	20 – 45 (typically 30)
Slate	20 - 40
Brick	Up to 30
Manufactured stor	ne 90

UK Health and Safety Executive "Control of Exposure to Silica Dust – A Guide for Employees" 2013 and Hoy RF, et al. Occup Environ Med 2017;0:1–3. doi:10.1136/oemed-2017-104428





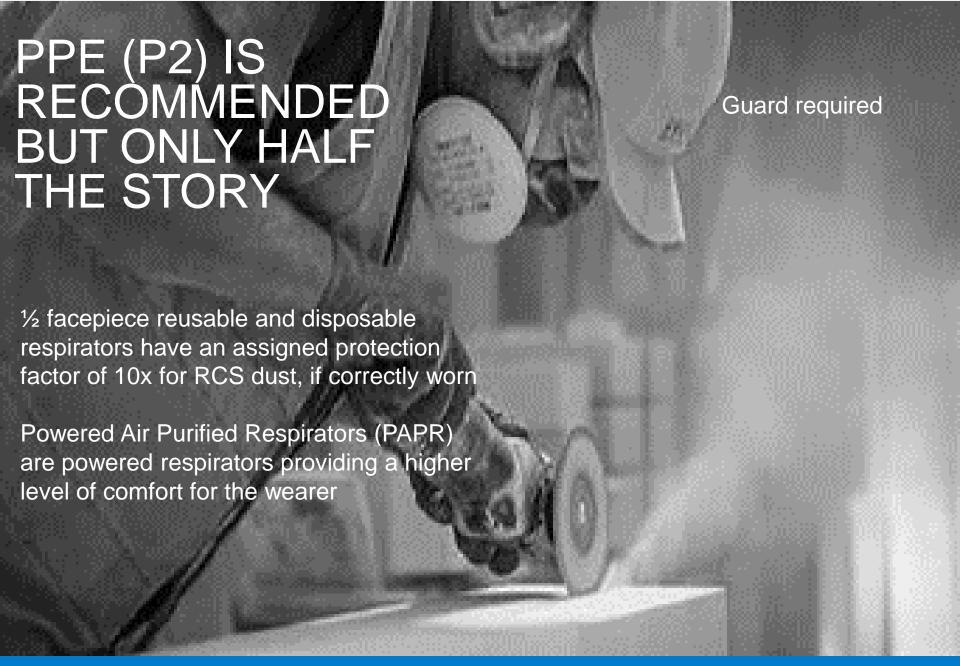












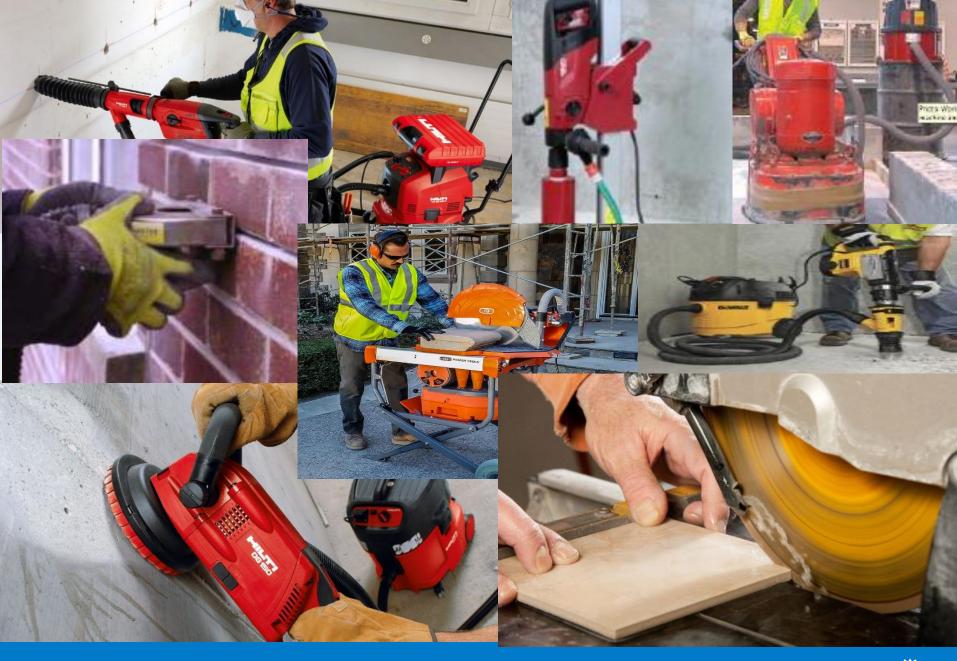


RIGHT GEAR FOR THE JOB:

WET CUT
CLASS M OR CLASS H (HEPA) VACUUM EXTRACTION
RIGHT BLADE











Best practice guide

Working safely with fibre cement products



Tools

James Hardie® has been actively working with tool and blade manufacturers to develop tools to specifically minimise dust exposure.

HARDIBLADE® SAW BLADE

The only blade recommended by James Hardie.

NEVER USE A CARBIDE FRAMING BLADE OR CONTINUOUS RIM DIAMOND BLADE.

HardiBlade Saw Blade generates larger dust particles and reduces the risk of respirable silica.

The 185mm diamond tip HardiBlade Saw Blade fits a dust reducing 185mm circular saw and the Makita LS0714 190mm dual slide compound mitre saw. Always use circular saws outdoors and in a well ventilated area.

MAKITA 5057KB 185MM CIRCULAR SAW

- Easily attaches to tool start vacuum with HEPA filter to further reduce dust exposure
- · Remote guard lever allows for plunge cutting
- · Fully enclosed upper guard
- · Rigid aluminium base provides greater stability and accuracy
- · 60mm cutting depth capacity
- 90° to 45° base adjustment
- · Easy emptying dust collector



Best Practice Guide James Hardie 11



