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# LET'S TALK DUST ENGAGEMENT DISCUSSION

 Follow the campaign at [twitter.com/\\_NTTL](https://twitter.com/_NTTL)  
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# WHAT'S THE DAMAGE?



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# WHERE IS SILICA FOUND?

- Ballast
- Bricks
- Concrete
- Mortar
- Plastic composites
- Slate
- Stone
- Tiles

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# WHAT IS RESPIRABLE CRYSTALLINE SILICA?

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# HOW CAN SILICA DUST HARM OUR HEALTH?



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**HOW MANY PEOPLE DIE FROM  
CANCER CAUSED BY SILICA  
DUST A YEAR IN BRITAIN?**

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# HOW CAN EXPOSURE OCCUR?



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# HOW SMALL IS SILICA DUST?

The same size as...

- a grain of salt
- a grain of beach sand
- a full stop at the end of a sentence
- a grain of tree pollen?



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# WHAT IS A 'WORKPLACE EXPOSURE LIMIT' ?



Silica dust  
↓



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Print card at 100 per cent to protect proportions.



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# HOW CAN WE REDUCE THE RISK?

- Exclusion – if you're not required to be in the immediate vicinity of the area affected by dust then remove yourself to a position not affected by dust
- Dampen down the material used where possible to reduce airborne dust
- Consider engineering controls where possible
- FFP3 RPE – if your activities require you to be in the area where dust is present you must, as a minimum, wear an FFP3 mask for which you have been face fit tested. To achieve the best protection a tight fitting mask offers, you must be clean shaven

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# HOW CAN WE REDUCE THE RISK?

## Additionally:

- Maintain cleanliness by washing hands before eating or drinking
- Raise Close Calls should dust be a concern
- Be aware smoking increases the chances of lung diseases

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# WHY DO WE HAVE TO WEAR A MASK?



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# WHAT DO WE NEED TO DO WITH OUR MASK?



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# WHAT CAN WE DO TO MAKE THINGS BETTER?

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