

FACTSHEET STOFFENMANAGER NANO - GLOVEBOX



Arbo Unie



The possible health effects of exposure to nanoparticles are not fully known yet. The precautionary principle is therefore applied by the Dutch Government. Control measures need to focus on the prevention of exposure to nanoparticles, e.g. by using a glovebox with HEPA filter.

GOOD PRACTICE: USE A GLOVEBOX!

Good use:

- Do not wear rings or watches during work in a glovebox and make sure nails are cut short.
- Avoid using sharp objects inside the glovebox.
- Try to avoid spillage. In case it does happen, clean up quickly and thoroughly.
- Apply low pressure inside the glovebox. Switch on the system before starting.



Effectiveness: good use of a glovebox results in a 99.9% reduction of exposure within Stoffenmanager Nano!

Tips:

- Regularly check the system for leaks to prevent release of free nanoparticles.
- Prevent recirculation and import of exhausted air into other rooms. Make sure the air is purified. This can be done by placing HEPA-filters in the exhaust ventilation system.
- Stop working if you think the system is not working adequately.
- Regularly check the gloves for impairments and replace them if damaged.
- Provide good training and clear work instructions for employees working with the system.