



Diamond User Code 1: Nano Technology



Hazards



Toxic and Carcinogenic
May change the rate of chemical reactions
Can present an explosion hazard



Risks

Experimental risk assessment must identify the use of nano materials and employ suitable control measures for the risks specific to the experiment

Controls

Transport: Use suitable containers in accordance with ADR

Handling:

- Follow good lab practice at all times
- Use the minimum amount possible
- Handle in a fume cupboard
- Wear non woven lab coats and two pairs of disposable gloves
- Regularly clean the work area by wet wiping or with a HEPA protected vacuum cleaner
- Label nano materials with the hazards
- Do not eat or drink in areas processing nano materials
- If airborne dusts are created, evacuate the area and isolate until the dust has subsided – contact EHCs (x8787)

Disposal

All materials must be removed from site after your experiment unless on-site disposal is specifically agreed with Local Contact/EHC's. Dispose of as hazardous waste. Disposal containers must be clearly marked with the hazards of the materials.

Contact

If you have any questions regarding safety arrangements or risk assessment, contact the SHE group.

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