

## Assess health hazards

## Assess exposure

## Control exposure

### Apply best practices



Involve workers in all phases of risk assessment and control



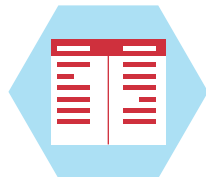
Train and educate workers



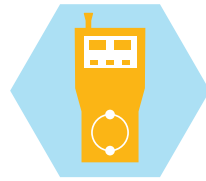
Assign hazard classes according to the globally harmonized system



Update safety data sheets with nano information



Use available classification for manufactured nanomaterials in the same group



Assess workers' exposure



Assess if exposure exceeds occupational exposure limit value



Apply step-wise approach if no occupational exposure limit available



Prevent inhalation of manufactured nanomaterials



Focus on cleaning tasks, collecting material from reaction vessels and feeding manufactured nanomaterials into the production process



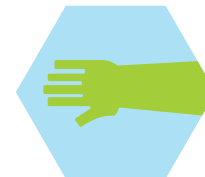
Implement the highest level of control when no toxicological information available



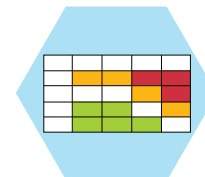
Apply hierarchy of controls



Use engineering controls or respiratory protection when engineering controls not available



Prevent dermal exposure



Use control banding if no assessment and measurement possible

Link to the guidelines: [http://www.who.int/occupational\\_health/publications/manufactured-nanomaterials/en/](http://www.who.int/occupational_health/publications/manufactured-nanomaterials/en/)