

ISOPA PRODUCT STEWARDSHIP PROGRAMMES

“One Step Ahead – 2nd Generation”

Respiratory Protection

Suitable Respiratory Equipment

**one
step
ahead**

Safety in Action



If in doubt, always wear respiratory protection equipment

Common Types of respiratory protection



In normal working conditions

Lung Powered Air Purifying Equipment

- Full face mask
- Half face mask



In case of spillages and emergencies

Self Contained Breathing Apparatus

- Positive pressure equipment
- Pressure demand equipment

Use of Respiratory Protection



- Use an appropriate cartridge / filter (min. AP2)
- For normal use, once opened, use max 8 hours within any 48 hours time span
- After any spill change the cartridge
- Face mask should not be used for Emergency Response

Best Practice (Masks)

- For hygiene reasons only use your personal equipment
- Conduct fit and leakage testing
- Consider gasmask availability and accessibility for emergency procedures
- Replace masks based on usage frequency
- Conduct inspection of physical condition before each use. Replace respirator in case it is damaged

Best Practice (Filters/Cartridges)

- Use only filters/cartridges that are recommended by the producer for chemicals in use
- Replace filters/cartridges frequently
- Write date of seal breaking and personal initials onto the filter/cartridge
- Close filters/cartridges again after usage and store in a dry place in a suited gasmask cupboard or in a dedicated bag
- Track and document the change frequency

Best Practice (Cleaning)

- After use remove the filter/cartridge and rinse your mask with warm water
- Use suited disinfection spray
- Leave the disinfection product on the mask for a few minutes
- Rinse the mask again with warm water and let it dry
- Do **NOT** use any organic solvents

Question

For how long should cartridges of respiratory protection be used?

- a) Cartridges can be used up to 1 year after the expiration date
- b) Cartridges can be rinsed with water after use and can be reused afterwards
- c) Cartridges must not be used after the expiration date
- d) Once opened, cartridges should be typically replaced after max 8 hours within any 48 hours time span

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Question

What type of respiratory protection should be used when working with TDI/MDI?

- a) Any mask prevents inhalation of TDI/MDI
- b) Dust masks are sufficient
- c) No mask is required. Masks are only necessary in case of a large area spillage
- d) Lung powered full face or half face breathing mask with the appropriate filter cartridge is required
- e) In case of major spills, a self-contained breathing apparatus is required

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Disclaimer

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