

"eBriefing on Resource Efficiency "

Reed Consulting Bangladesh Ltd.



PPE - Hand Protection

Safety Gloves



Hand and finger injuries account for a large proportion of workplace accidents in Bangladesh.

Employees must use appropriate hand protection when exposed to hazards such as:

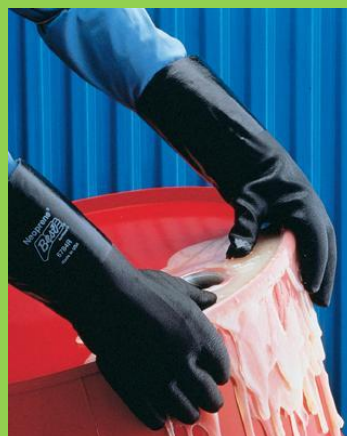
- Skin absorption of harmful chemicals
- Cuts or lacerations, abrasions, punctures
- Chemical burns
- Thermal burns
- Harmful temperature extremes

Hand protection should be selected by evaluation of

- Performance characteristics
- Conditions at present
- Duration of use
- Hazards and potential hazards identified

Some hand injuries you need to guard against

- Burns
- Bruises
- Abrasions
- Cuts
- Punctures
- Fractures
- Amputation
- Chemical exposures



Types of gloves

- Chemical resistant
- Cut resistant
- Abrasion resistant
- Heat resistant

Employer duties

Employers should ensure that suitable PPE is available for all employees who may need protecting.

Training should be given in the correct selection and use of the PPE. Clear notices should be posted when significant hazards are identified so it is very clear what PPE is required.

Employee duties

Employees should wear the correct PPE as supplied by their employer. They should keep it in good condition and replace it when it is worn out or damaged.

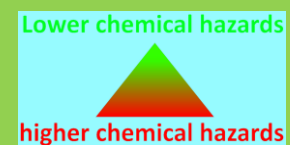
Knowing what to wear

Clear signs should be used where known hazards exist. Employees should be trained in identifying hazards and understanding how to protect themselves.

Chemical gloves

Types of chemical gloves vary dependant upon their use. Selection depends upon the hazard. Clear guidance should be given by signage

- Vinyl
- Nitrile
- Neoprene
- Rubber
- Butyl



Cut resistant gloves

Cut resistant gloves come in 5 levels. Level 1 least resistant and 5 most resistant. Selection depends upon the hazard and risk to the user doing the task.

Abrasion resistant gloves

Similar to cut resistant gloves Selection depends upon the hazard and risk to the user doing the task.

Heat resistant gloves

Heat resistant gloves have 4 performance levels, again suitable types must be selected dependant upon the hazard level of the task.

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RCB provides consultancy in Energy Efficiency, Process Improvement, Water Minimisation, Cleaner Production, Occupational Health and Safety including Electrical System Assessment.

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