Personal Protective Equipment - Hands

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Laboratory hygiene

- Never eat, drink or smoke in a laboratory
- Never apply cosmetics
- Never touch your face, mouth or eyes
- Never use mobiles, suck pens or chew pencils
- Always wash your hands before you leave and especially before eating



Common Types of PPE

- Head
- Eyes
- Face
- Hands
- Feet
- Body
- Hearing
 - Respiratory

















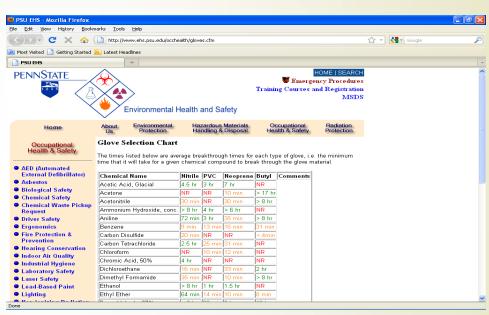
Hand PPE

- Needed when work presents the potential of causing hand injury from physical, chemical, or radiation agents.
- Important for purity/quality of work
- Examples of hazards:
 - Absorbing harmful substances
 - Sharp objects capable of causing cuts, abrasions, or punctures
 - Chemical or thermal burns
 - Electrical work
 - High/Low temperatures

Types of Hand Protection

Chemical Resistant - (check MSDS) or compatibility charts such as the one found on EHS webpage:





Puncture / cut / abrasion Resistant

Those with a latex allergy can use vinyl, nitrile, etc. based on the compatibility charts or MSDSs.

Types of Hand Protection

- Voltage Rated
- Temperature Resistant
- Infectious Agent / Biohazard Resistant Latex, Vinyl, Nitrile, etc)





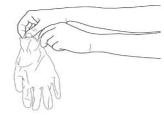


Glove Donning and Doffing

I. HOW TO DON GLOVES:



1. Take out a glove from its original box



2. Touch only a restricted surface of the glove corresponding to the wrist (at the top edge of the cuff)



3. Don the first glove



4. Take the second glove with the bare hand and touch only a restricted surface of glove corresponding to the wrist



5. To avoid touching the skin of the forearm with the gloved hand, turn the external surface of the glove to be donned on the folded fingers of the gloved hand, thus permitting to glove the second hand

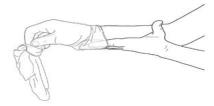


6. Once gloved, hands should not touch anything else that is not defined by indications and conditions for glove use

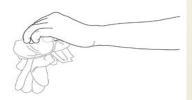
II. HOW TO REMOVE GLOVES:



 Pinch one glove at the wrist level to remove it, without touching the skin of the forearm, and peel away from the hand, thus allowing the glove to turn inside out



 Hold the removed glove in the gloved hand and slide the fingers of the ungloved hand inside between the glove and the wrist. Remove the second glove by rolling it down the hand and fold into the first glove



3. Discard the removed gloves

Care and Maintenance

- Check prior to each use for cuts, cracks or discoloration.
- Replace as necessary.
- □ Discard single use gloves after use. (Latex, Nitrile, Vinyl, etc)
- Store in a clean area.

