

Division of the National Health Laboratory Service



Certain

gloves can fail due to

the chemicals

permeating or penetrating the

glove material.

glove or degrade the

Natural rubber latex gloves (NRL) should have

low latex protein and should be powder free to

avoid allergic reactions in some individuals

A HANDY GUIDE: CHOOSING THE CORRECT GLOVES FOR WORK

This guide provides information needed to help workers choose the appropriate gloves to protect their hands from hazards in the workplace, if risk cannot be avoided through other approaches. The choice of gloves is important and should be based on a risk assessment to identify the hazards (biological, chemical or physical) and the task requirement. For example, the need for dexterity and grip for the job, duration of contact with the hazard and level of protection required.

HANDY TIPS

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Health & safety risk assessment of the job must clearly demonstrate that exposure is unavoidable & all other methods of control are not reasonably practical.

Gloves must be appropriate for the purpose and must give the best possible level of protection. It is important to check the performance of the gloves on the job.



Gloves should fit properly and should not increase the overall risk (e.g. not get caught in machinery).



Use good quality gloves to avoid damaging the workers hands.

If gloves are required for heat protection it is important to determine if heat is dry or moist, whether there is an open flame or sparks and temperatures in which gloves are to be used.



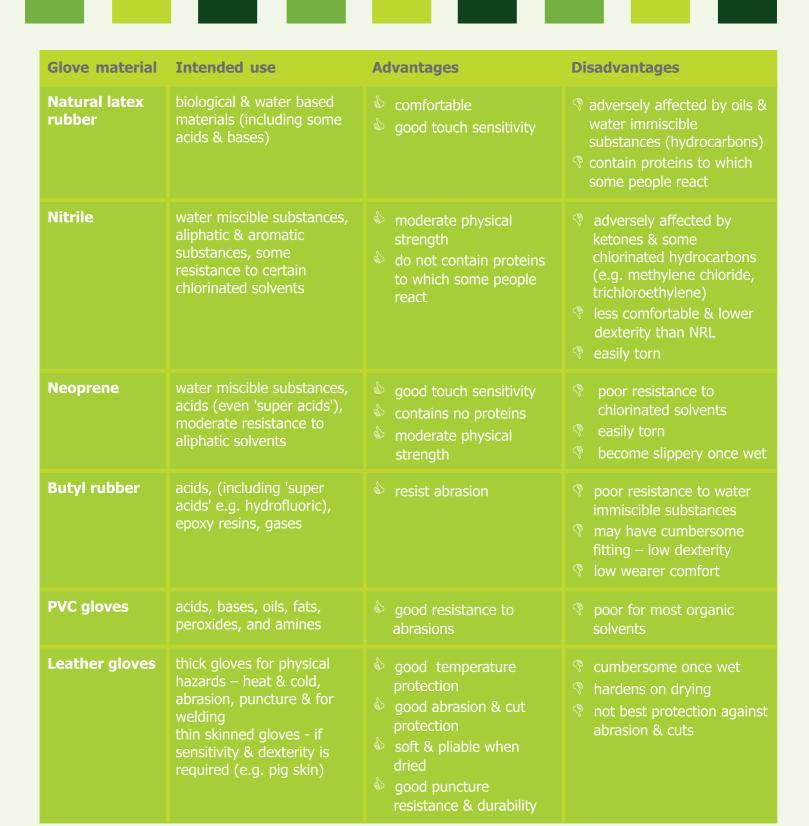
Periodically review the choice of gloves to ensure they meet requirements and that the level of risk has not changed.



Workers should be trained on how to correctly put on (donning) and remove gloves (doffing).

QUALITY

It is recommended that gloves used should comply with the South African National Standards (SANS: 11193) or other relevant international standards such as: ASTM (American Society for Testing and Materials) or European Union (EN) standards certification. These organisations test gloves to ascertain if they meet the expected performance requirements like the protective effects and durability under various conditions.





This pamphlet was produced by NIOH. For more information there are some websites that gives guidance to glove selection e.g. http://www.cdc.gov/niosh/ncpc/ecpc.html: (Recommendations for Chemical Protective Clothing). http://www.ehs.berkeley.edu/workplace-safety/glove-selection-guide. Glove manufacturers and suppliers also have information on glove selection or contact us at 011 712 6400

