

Table Key

Terms

SDS- Safety Data Sheet/Material Safety Data Sheet

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See the section at the end of this document.

Respirator Selection

Contact EH&S (x6771)

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General Cleaning of Nursing Offices, Nursing Classrooms, EMT classrooms, Vet Sci areas	BIO, CH	equipment in damp and wet areas; Lifting and moving of furniture Possible exposure to infectious materials; Skin and eye contact with chemical products	Gloves (see below), eye protection, protective clothing
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		with chemical; Possible fall	*if work requires worker to be more than 4 feet above the ground, Fall protection is required
Snow Shoveling	ERG	Lifting and moving snow, cold	Safety shoes, cold weather protection
Spray Equipment	IMP, CH	Eye and skin contact hazard from debris and chemicals	Gloves (see below), eye protection, protective clothing, possibly respirator
Stage Work	IMP, CH, FALL, EL, ERG	Skin and eye contact with paint; Cut danger from equipment; lifting; Electrical shock; possible fall if working more than 4 feet above the ground.	Gloves (see below), eye protection, safety shoes *if work requires worker to be more than 4 feet above the ground, Fall protection is required
Vacuum Carpets	none		
Welding, soldering, cutting, grinding, pipefitting	IMP, CH, FALL, EL, ERG, HEAR	Contact with chemicals; cuts from sharp objects and equipment; Particle danger; danger from welding/soldering equipment; lifting; possible electrical if area/items wet; possible fall if working more than 4 feet above the ground. Noise from cutting/grinding equipment	Gloves (see below), eye protection (appropriate to equipment being used), protective clothing, safety shoes, mask if grinding, hearing protection (if necessary) *if work requires worker to be more than 4 feet above the ground, Fall protection is required
Wood Chipper	IMP, ERG, VEH, HEAR	Contact with cutting blades, flying debris, lifting, vehicle danger if working in the roadway	Hard Hat, Eye Protection, boots, hearing protection gloves (no loose cuffs), no loose clothing/jewelry
Working on/near roadways	IMP, VEH	Hit by vehicle	Hard hat, Hi-visibility vest
Working with X-ray machine	RAD, ERG	Possible exposure to radiation; lifting animals	Proper x-ray protective apron/clothing

GLOVE SELECTION GUIDE

The following is a list of gloves and their appropriate application, according to the National Safety Council:

Cotton and fabric gloves: These can keep hands clean and protect against abrasions, but may not be strong enough to handle work with rough or sharp materials.

Coated fabric gloves: This type of glove can provide protection against some moderate concentrated chemicals. They can be used in laboratory work provided they are strong enough to protect against the specific chemical being handled.

Rubber, plastic or synthetic gloves

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ACGIH Exposure Limits, and toxicology studies. Key words are “S” or skin, dermal, LD50 dermal, or skin vapor hazard. If the LD50 value for dermal studies for a particular chemical is below 5 mg/kg careful attention should be paid to glove selection.

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4. [DuPont](#) (cut-resistant Kevlar, gloves)
General product information
5. [Marigold Industrial](#)
Chemical recommendation guide
6. [MCR Glove Permeation Guide](#)
Enter the chemical of interest
7. [North Hand Protection](#)
Links to several types of hand protection
8. [North Selection Guide for Hand Protection Software \(need to login\)](#)
Download a chemical resistant glove selection guide
9. [North Silver Shield/4H Chemical Protection Guide](#)
Permeation and breakthrough data specifically for Silver Shield/4H® gloves.
10. [Kimberly Clark Professional \(including Safeskin Glove\)](#)
Main glove page
11. [Kimberly Clark Technical Glove Data](#)
Technical data; chemical resistance database

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