



UNDER THE MICROSCOPE

The Dartmouth College laboratory safety newsletter

May 2021



DARTMOUTH
Environmental
Health & Safety

Specific questions? Ask EHS: 603-646-1762 or ehs@dartmouth.edu

Gloves - Selection, Use and Care








Selection

1. Select glove type and material based on the exposure and nature of the hazard
 - i.e. Chemical type, extreme temperatures, physical hazards, pH, toxicity, incidental or prolonged contact with material
2. Refer to the chemical Safety Data Sheet (SDS)
3. Consult the manufacturer's chemical resistance guide for degradation, permeation and breakthrough data
 - Disposable nitrile
 - North resistance guide

https://www.dartmouth.edu/ehs/chemical/chemical_gloves.html

Care and Reminders

1. Disposable nitrile gloves are NOT meant for re-use
2. Check for discoloration, tears, texture changes
3. Replace disposable gloves after chemical contact
4. Wash and dry REUSABLE EXTENDED USE GLOVES ONLY after use with chemicals to prolong usable lifespan

Glove Material and Use	Contact Type	Use	Example
Latex (use not recommended)	Incidental, specific	Biohazards, aqueous materials	
Nitrile	Incidental (Disposable type)	Biohazards, oils, limited solvents and corrosives	
Butyl Rubber	Extended	Ketones, esters	
Neoprene	Extended	Acids, bases, alcohols, peroxides, phenols	
PVC (polyvinyl chloride)	Specific use	Acids, bases, oils, peroxides, amines	
Cryogloves	Specific	Cryogenics	
Kevlar	Specific	Cut resistance	

Remember to always wash your hands after handling hazardous materials and removing your gloves!

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