PLEXIGLASS BARRIERS AND COVID-19
Wearing a face covering (personal protective equipment) and practicing physical distancing (administrative control) can help limit the spread of COVID-19. Plexiglass barriers are an engineering control that can provide additional protection when used along with face coverings and when physical distancing cannot be maintained.

CLEANING AND DISINFECTING PLEXIGLASS BARRIERS

Cleaning refers to the removal of germs, dirt, and impurities from surfaces. It does not disinfect, but cleaning lowers the risk of spreading infection.

Disinfecting refers to the use of chemicals (e.g., EPA-registered disinfectants) to kill germs on surfaces. Killing germs further lowers the risk of spreading infection.

Always wear appropriate personal protective equipment (PPE) such as gloves and safety glasses when cleaning and disinfecting surfaces. Gloves should be discarded when damaged and after each use (if disposable).

Follow the manufacturer’s instructions for all cleaning and disinfection products, including the concentration, application method, contact time and personal protective equipment recommendations.

Microfiber cloths clean better than cotton towels and unlike paper towels won’t scratch the surface of Plexiglass.

If surfaces are dirty, they should be cleaned using a microfiber cloth and warm, soapy water. You can make this with gentle dishwashing detergent. Rinse with clean water prior to disinfection.

DISINFECTING METHODS FOR PLEXIGLASS BARRIERS
Plexiglass comes in many forms and can be easily damaged if the wrong disinfectant is used. Test the disinfectant first on a discrete area of the material to avoid ruining the entire surface. Never use ammonia or products containing ammonia on plexiglass!

WARM, SOAPY WATER
Compatible with Optix Acrylic, Vivak PETG, TUFFAK Polycarbonate, Plexiglass Acrylic.
- The use of warm, soapy water is a common form of cleaning.
- Thoroughly wash the surface of the plastic with warm, soapy water for 20 seconds or longer.
- Rinse with clean water.
- Disinfect using the appropriate method (below) for the material.

BLEACH
Compatible with Optix® Acrylic, Plexiglass Acrylic, Vivak® PETG
- Prepare a household bleach solution by mixing:
  - 5 tablespoons (1/3 cup) bleach per gallon of water
  - 4 teaspoons bleach per quart of water
- Bleach solution should be prepared fresh weekly.
- Follow manufacturer’s instructions for application contact time.

ISOPROPYL ALCOHOL [IPA] OR ETHYL ALCOHOL
Compatible with Vivak PETG, TUFFAK® Polycarbonate
- Use of alcohol-based wipes or sprays containing at least 70% alcohol.
- Do not dilute.
- Allow alcohol to remain on surface for at least 30 seconds or longer.

HYDROGEN PEROXIDE
Compatible with Optix Acrylic, Vivak PETG, TUFFAK Polycarbonate
- Use 3-5% hydrogen peroxide.
- Do not dilute.
- Allow to remain on the surface for several minutes.

RESOURCES
CDC - http://tiny.cc/cdc-cleaning
PlexiGlas - https://www.plexiglas.de/en/service/processing/cleaning-plexiglas