



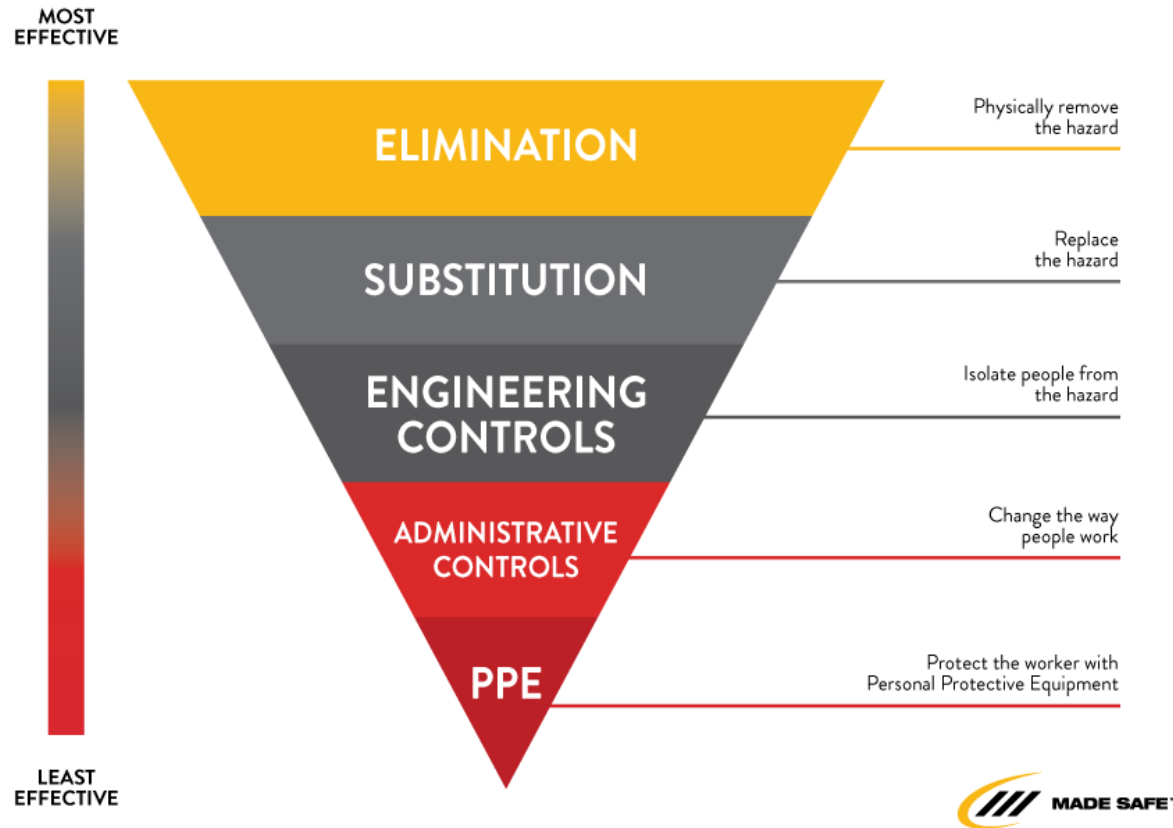
CANADIAN  
MANUFACTURERS  
& EXPORTERS

Integrated Staff Safety

Nathan Rasmussen, Safety Advisor



# Identifying and Controlling High Touch Areas



## Hierarchy of Controls

- If you don't feel well **STAY HOME!**
- **Maintain Social Distancing (Communications)**
- If we can eliminate shared equipment, do so! (Phones)
- If we can't eliminate it, disinfect it! (Lunch Tables)
- If you can disinfect it, disinfect yourself! (Printers)
- If you can't disinfect yourself, wear PPE (OTJ Training)



# Identifying and Controlling High Touch Areas

There are so many “High Touch” areas and shared resources in our facilities.

We need the help of our  
frontline staff to identify  
them all!



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## Shared Surfaces

# Identifying and Controlling High Touch Areas

## Where to Begin Identifying YOUR Areas of Concern

- Explain to your workers how transmission occurs.
- Explain the Hierarchy of Controls
- Ask that your workers identify the tools, equipment, and surfaces they and others touch on a regular basis.
- Provide the Tips Sheet “COVID-19: USING DISINFECTANTS CORRECTLY & STEPS FOR HIGH TOUCH AREAS” as a starting point.



Finding High Touch  
Areas

# Identifying and Controlling High Touch Areas

## Control Measures / Mitigation

- Once we identify the hazards, we need controls and creativity:

### Shared Printer / Fax Machine

Designate one person to load and disinfect the machine.

### Computer Mice

Designate single person workstations wherever possible.

### Phones

Where possible designate for single use.

Disinfect between each operator. Spray a cloth, not the electronics!



Reducing Risk

# Identifying and Controlling High Touch Areas

## Control Measures / Mitigation

- Once we identify the hazards, we need controls and creativity:

### Door Handles

For the duration, ask for internal doors to be propped open.

Place hand sanitizer station next to external doors

### Time Clock Punch Clock

Stagger arrival time where possible

Relax your attendance policy to allow for Social Distancing

Consider whether an actual punch in is required



Reducing Risk

# Disinfecting Fundamentals

## SARS-CoV-2 Surface Life Study Results



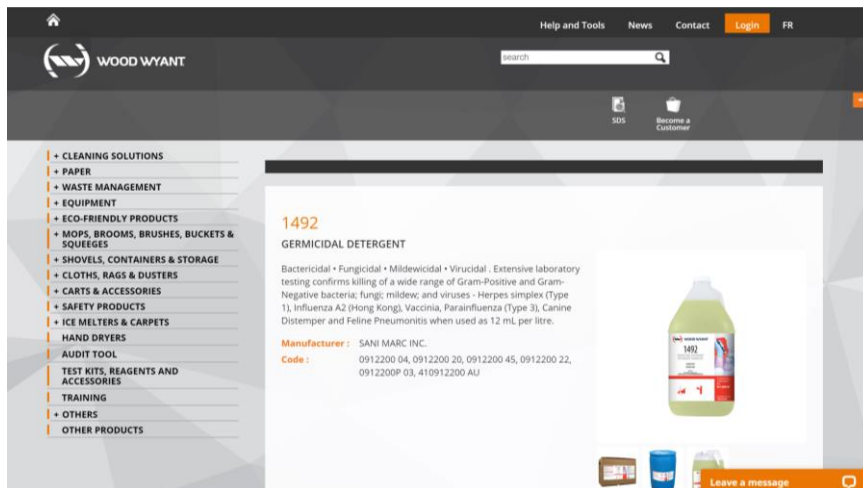
- Aerosol – 3 hours (Aerosol vs. Airborne)
- Copper – 4 hours
- Cardboard – 24 hours
- Plastic / Stainless Steel – 72 hours

# Disinfecting Fundamentals

## Clean First, Then Disinfect!

- Physically remove dirt, grease, etc. so that you can get at the virus
- 10 minutes wet contact time!!!

## Is It Doing What You Think It's doing? “Germicidal Detergent”



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The Basics – Our Experience








# Disinfecting Fundamentals

## Health Canada Hard Surface Disinfectants for SARS-CoV-2

<https://www.canada.ca/en/health-canada/services/drugs-health-products/disinfectants/covid-19/list.html>

Filter items  Showing 1 to 7 of 7 entries (filtered from 405 total entries) | Show  entries

Drug identification number (DIN) 	Product name 	Company 	Active ingredient(s) 	Product form 
02332892	Genbact	Wood Wyant Inc	Benzalkonium Chloride 0.105%, Alkyl Dimethyl Ethylbenzyl Ammonium Chloride 0.105%	Solution
02362562	Vert2Go Saber Concentrated / Vert2Go Saber Concentré	Wood Wyant Inc	Hydrogen Peroxide 8%	Solution
02362570	Vert2Go Saber Ready-To-Use / Vert2Go Saber Prêt À L'Emploi	Wood Wyant Inc	Hydrogen Peroxide 0.5%	Solution
02362589	Saber Wipes	Wood Wyant Inc	Hydrogen Peroxide 0.5%	Wipe
02429004	Complete 6000	Wood Wyant Inc	Sodium Hypochlorite 0.6%	Solution
02434180	Complete 12	Wood Wyant Inc	Sodium Hypochlorite 12%	Solution
02434210	Complete 6000 Wipes	Wood Wyant Inc	Sodium Hypochlorite 0.6%	Wipe



The List

# Disinfecting Fundamentals

## Base ingredients

- Isopropanol 70%
  - Sodium Hypochlorite (Bleach)
  - Quaternary Ammonium
  - Hydrogen Peroxide
- 
- Each disinfectant has pros and cons. Research what's right for you!
  - <https://www.cdc.gov/infectioncontrol/guidelines/disinfection/disinfection-methods/chemical.html>



The Options

# Social Distancing on the Shop Floor



## Eliminate Transmission Risk, Go Contactless!

- After hand hygiene, Social distancing is the 2<sup>nd</sup> most effective tool we have!
- Maintain 2 meters of space!
- How can we possibly do that in a facility where every square foot of space is spoken?

# Social Distancing on the Shop Floor

## Time Clocks (Punching In & Out)

- Is physically punching / wiping in 100% necessary, or can we use a checklist?
- Stagger arrival times and/or shift start times and develop a schedule for arrival that allows for following the social distancing guidelines.
- Look for the high touch areas in your punching in process and eliminate them.
- Find bottlenecks and manage them
- If areas won't allow for 2 meters of space, consider making them one way.



**Getting Our People  
to the Front Line**

# Social Distancing on the Shop Floor

To Screen or Not to Screen, that is the Question

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3294528/>

- Companies are installing systems and procedures that include using contactless temperature measuring devices.
- There is a wide range of accuracy and efficacy in the various products being offered. From infrared thermometer to thermal scanner
- Your policy needs to work with your system and address variables:
  - Outside temperatures
  - Clothing worn
  - Age
- There is no “set it and forget it” option



Thermal Screening



# Social Distancing on the Shop Floor

To Screen or Not to Screen, that is the Question

This is one of the most complete summary studies available:

<https://www.eurosurveillance.org/images/dynamic/EE/V14N06/art19115.pdf>

And here are several studies that may help you make a choice:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4101989/pdf/epih-36-e2014004.pdf>

[http://www.hkmj.org/article\\_pdfs/hkm1304p109.pdf](http://www.hkmj.org/article_pdfs/hkm1304p109.pdf)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3016318/pdf/pone.0014490.pdf>

<https://www.ncbi.nlm.nih.gov/pubmed/23426254>

[https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3294528/pdf/10-0703\\_finalR.pdf](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3294528/pdf/10-0703_finalR.pdf)



The Research

# Social Distancing on the Shop Floor

## At the Workstation

- Where possible and practical, spread workers out. This may mean spreading shifts over a longer day or adding an extra shift to operations
- Provide physical barriers between workstations, consider using rolls of poly sheeting. Focus on areas where social distancing isn't possible.
- Teach hand hygiene! Post signs! Talk early and often.
- Safety glasses prevent touching eyes and faces.
- Wherever possible, do not allow employees' shared tools. Any tools that must be shared must be disinfected before and after each worker uses them.
- Eliminate huddle meetings and if not practical, minimize the number of attendees (split the group)



On the Front Line

# Social Distancing on the Shop Floor

## Maintenance Shop

- Eliminate or reduce shared tools
- For all shared tools, implement disinfecting before and after each worker uses them.
- Reduce shared work benches and fabricate single user stations or separate existing work benches with plexiglass



Behind the Scenes

# Social Distancing on the Shop Floor

## Break Rooms

- Stagger break times
- Use floor markings to direct traffic and identify social distancing spacing
- Identify capacities
- Remove furniture to support maintaining capacities
  - 10 person capacity = 10 chairs in the room
- Create new spaces (that aren't at risk of contamination)
- Staff who have desks should be encouraged to eat at their desks



Create Spacing



THANK YOU FOR ATTENDING

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