

## Use caution with alcohol-based hand sanitizer!



### What Happened?

An employee (within a different industry) used an alcohol-based hand sanitizer as recommended for COVID19. Before the liquid hand sanitizer fully evaporated, the individual touched a metal surface where static electricity created an ignition source and the it resulted with first and second degree burns to the hands.



### Hazard concern:

The flash point of alcohol-based hand sanitizers is a low as 25°C. At that temperature, these products give off enough vapour to ignite in air.



### Recommendations to prevent recurrence:

- Only use hand sanitizer if washing your hands with soap and water is not readily available.
- Make sure the liquid has fully dried before touching surfaces or being in the presence of ignition sources, such as:
  - an open flame or
  - static electricity generated from walking on a carpeted floor after touching a metal surface.

Please share this information to prevent this situation happening again.

