

# Shop Topics Hand Safety (003-SG)

## Study Guide

According to the 2025 State of Handwashing Report, what percentage of U.S. adults admit to not washing their hands at key  
48%

What percentage of infectious diseases can be prevented by proper hand hygiene, according to the NFID?  
Approximately 80%

The U.S. Bureau of Labor Statistics reports that hand injuries account for nearly what percentage of all workplace injuries?  
23%

Hand injuries in industrial environments that are caused by sharp tools or improper handling of materials fall into which category?  
Cuts & Lacerations

What category of injury occurs when hands are caught between moving parts or heavy objects?  
Crush Injuries

Injuries resulting from contact with hot surfaces, corrosive substances, or electrical hazards are categorized as \_\_\_\_\_.  
Burns & Chemical Exposure

What type of hand injury can develop over time due to excessive force, vibration, or poor ergonomics?  
Repetitive Strain Injuries

What type of gloves is essential for handling sharp objects?  
Cut-resistant gloves

For tasks like welding or working near hot surfaces, what specific type of gloves should be worn?  
Heat-resistant gloves

When handling hazardous substances, workers should wear \_\_\_\_\_ gloves.  
chemical-resistant

For heavy-duty tasks where hands might be struck, what type of gloves provides appropriate protection?  
Impact-resistant gloves

What safety feature on equipment is designed to prevent accidental contact with moving parts?  
Machine guards

What is the purpose of implementing lockout/tagout (LOTO) procedures in an industrial setting?

To prevent accidental contact with moving parts.

To avoid getting caught in machinery, what should workers avoid wearing?

Loose clothing or jewelry

Instead of using their hands, what should workers use for tasks like removing debris or adjusting equipment?

Proper tools

A key practice to avoid crush injuries is to keep hands away from \_\_\_\_.

pinch points

According to the NFID report, what low percentage of people wash their hands after coughing or sneezing?

30%

How does promoting proper handwashing habits benefit the workplace, aside from individual health?

It can reduce workplace illness and absenteeism.

What is the stated purpose of conducting regular safety briefings and hands-on demonstrations?

To reinforce best practices and keep workers aware of potential hazards.

What three elements are essential for a workplace program aimed at significantly reducing hand injuries?

Proper PPE, machine safety measures, and hygiene protocols.

What portion of people, cited in the source, actively choose not to wash their hands?

1 in 5