

PPE: Hand Protection

Scenario

Employers must select, and require employees to use, appropriate hand protection when employees' hands are exposed to hazards such as those from skin absorption of harmful substances; severe cuts or lacerations; severe abrasions; punctures; chemical burns; thermal burns; and harmful temperature extremes.

It happened like this

Nathan's task was to coat the automotive parts with rust protection solution. Since it was a small batch of parts, he decided he was going to dip them by hand into the tank.

Nathan had a pair of rubber gloves that he wore to protect his hands from the solution. As he was dipping the parts, he became complacent. Near the end of the batch he accidentally put his hand too far into the rust protection solution. This caused the rust protection solution to spill into the glove.

Nathan was surprised by the feeling of the liquid contacting his hand. This caused him to drop the part into the tank.

Nathan knew getting that part out of the dip tank was going to be difficult. However, the first thing he had to do was take the glove off and wash the rust protection solution off his hand. He had to do it quickly. Because of repeated exposure, he developed a severe allergic reaction.

What are the issues?

What did Nathan do right?



What did Nathan do wrong?

What do you think should happen next?

