

## WHY DOWNDRAFT MANICURE TABLES ARE NOT GOOD SOURCE CAPTURE

A common mistake nail techs make which greatly increases inhalation exposure to nail product dust & vapors, is covering the intake grill of their downdraft table with a towel, rendering it useless, thus providing no effective capture of the contaminants, and thereby providing no breathing zone protection.

Why?

The explanation of the nail technician using the table with the towel covering the exhaust intake, in the top right photo , ... "it's easier to work with the towel placed there, and the towel keeps the surface dry after soaking the clients fingers in water."

When it comes to preventing inhalation exposure to chemical vapors, many so called Nail Source Capture Systems provide nail techs with little if any breathing zone protection. The "old style" downdraft method allows chemical vapors to escape into the breathing zone, and migrate into the salon air. The most effective systems include a filter with a sufficient amount of activated carbon, (i.e. 2 lbs.), and utilize a positional extractor arm & capture hood. This method allows the nail pro to manage where the hood is placed to control & minimize nail product inhalation exposure.

The most effective means of capturing nail product chemical vapors is utilizing a nail source capture system with a positional extractor arm/hood arrangement placed at 45 degrees above the table.

Aerovex Systems Introduces the Healthy Air® Nail Source Capture System :

[https://www.youtube.com/watch?v=Vwllx0CC2\\_Y](https://www.youtube.com/watch?v=Vwllx0CC2_Y)

State-of-the-Art Nail Pro Source Capture Ventilation Video:

<https://www.youtube.com/watch?v=-hADEG6sv10>