



SGS Container VOC Control Solution for footwear supply chains

Growing awareness of the implications to human health and the environmental of exposure to Volatile Organic Compounds (VOC) means organizations must demonstrate close attention to the control of these hazardous substances to conform to environmental protection laws and employee occupational health regulations.

Residual levels of fumigants and naturally occurring off-gassing chemicals emanating from goods constitute a safety risk to workers entering containers to inspect or unload goods. Custom houses and container handling warehouses will often check

the air quality inside a container before entering. If the air is found to be unsafe, the container will need to be de-gassed. This can take hours or days, causing delays in shipping times and additional costs.

WHAT ARE VOC?

Volatile Organic Compounds (VOC) are organic chemicals that have a high vapor pressure at ordinary room temperature. The most common and convenient way to define VOC is based upon their boiling-point. A World Health Organization (WHO) working group on organic indoor air classified the boiling-point range of VOC as 50 to 260°C.

VOC SOURCES

Containers often travel for extended periods and experience a wide range of temperatures. Off-gassing VOC can accumulate in the confined space of a container and reach unsafe levels if VOC sources are not controlled. Below are some examples of commonly found VOC in containers:



WHAT CAN SGS DO FOR YOU?

SGS has launched a Container VOC Control Solution to help you and your suppliers improve VOC control performance and avoid the delays and extra costs that result from VOC control failures.



To learn more about our VOC services and training, contact global.sl@sgs.com.

WHEN YOU NEED TO BE SURE

SGS