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[Abstract](#)

Med Tr Prom Ekol. 1997;(4):23-6.

[State of the nervous system in workers engaged in the production of plastic materials: data of screening and electrophysiologic studies].

[Article in Russian]

Liubchenko PN, **Petina LV**, **Gorenkov RV**.

Abstract

Moderate levels of dioctyl phthalate, hydrogen chloride and carbon monoxide are features of ambient air in production of linoleum, polyvinylchloride decorative film and in other modern plastic materials production shops. The workers were diagnosed as having latent signs of neurotoxicity--vegetative dysfunction with prevalent parasympathetic tone and inactive polyneuropathy shown by electroneuromyography (higher thresholds of pain sensation and muscular excitability, altered morphology of motor response, trend to longer final latency).

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