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The Inhalation Toxicity of Glass Fibers -A Review of the Scientific Literature

Authors: [Robert L. Carpenter](#); [Cody L. Wilson](#); [NAVAL HEALTH RESEARCH CENTER WRIGHT-PATTERSON AFB OH TOXICOLOGY DETACHMENT](#)

Abstract: Studies of workers occupationally exposed to asbestos revealed increasing incidence of mesothelioma, a rare form of lung cancer, whose underlying cause became clear in the 1965-1975 time frame (Selikoff et al., 1972; Selikoff et al., 1964; Selikoff et al., 1979), creating concern as to the causes of this disease and as to the properties of asbestos leading to this disease. Asbestos exposure can cause other forms of lung intervening 30 years. The purpose of this document is to provide the reader with needed background, summarize those investigations relevant to **chaff** health effect concerns and provide some insight as to the relevance of those concerns. Fibers differ from more spherical dust particles in their aerodynamic properties. For most dust particles, the particle's diameter and mass govern their persistence in the atmosphere.

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