

MAIN OFFICE AND PLANT
SAN DIEGO 12, CALIFORNIA

BRANCH OFFICE AND PLANT
18TH AND GRAND AVENUES
DES MOINES 5, IOWA

BRANCH OFFICES
60 EAST 42ND STREET
NEW YORK CITY 17, N. Y.

1025 CONNECTICUT AVE. N. W.
WASHINGTON 6, D. C.

120 WEST SECOND STREET
DAYTON 2, OHIO

332 SOUTH MICHIGAN AVE.
CHICAGO 4, ILLINOIS

8943 WILSHIRE BOULEVARD
BEVERLY HILLS, CALIFORNIA

CABLE ADDRESS "SOLAR"

SOLAR AIRCRAFT COMPANY

STAINLESS STEEL PRODUCTS

ESTABLISHED 1927



PLEASE ADDRESS REPLY TO
18TH & GRAND AVENUES
DES MOINES 5, IOWA

September 29, 1949

Robert A. Kehoe, M.D.
Director
Kettering Laboratory of Applied Physiology
College of Medicine
University of Cincinnati
Cincinnati, Ohio

Dear Dr. Kehoe:

This is to request information on certain metallic dusts. We are seriously in need of complete information on the physiological and pathological changes incident to the inhalation of Chromium Metallic Dust, Cobalt Metallic Dust, Nickel Metallic Dust and Titanium Metallic Dust. In addition, we need information on the same effects of a preparation called Gem-Blast which is an aluminum oxide garnet type material containing some of its impurities such as iron compound which is being used to replace silica sand in sand blasting operations.

Our Industrial Hygiene Committee has been studying with great interest your contributions to the two-volume publication "Industrial Hygiene and Toxicology" edited by Frank Patty. However, there is little information relative to the above metallic dusts and aluminum oxide and their physiological and pathological effects. We are particularly allergic to the possibility of a fibrosing pneumoconiosis developing in our employees who do extensive grinding operations on high-heat resistant metals of the above composition.

We are also interested to know if there are any ill effects from the inhalation of Beryllium Metallic Dust.

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Robert A. Kehoe, M.D.

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September 29, 1949

I wish to thank you for whatever information you may have relative to the properties of these dusts or for any other sources of information relative to the same.

Sincerely yours,

SOLAR AIRCRAFT COMPANY

A handwritten signature in dark ink, appearing to read "H. H. Smead". The signature is written in a cursive style with a large initial "H".

H. H. SMEAD, M.D.
Medical Director

HHS:ew