

beryllium atom structure

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CDC - NIOSH Pocket Guide to Chemical Hazards - Beryllium & beryllium ...

Beryllium metal Metal: A hard, brittle, gray-white solid.

Preventing Sensitization and Disease from Beryllium Exposure

Preventing Sensitization and Disease from Beryllium Exposure WARNING! Workers exposed to particles, fumes, mists, or solutions from beryllium-containing materials may develop beryllium sensitization or chronic beryllium disease, a potentially disabling or even fatal respiratory disease.

Beryllium compounds - IDLH | NIOSH | CDC

The IDLH value for beryllium has not changed, but other information on this page has been changed, including updated exposure limits, updated respirator recommendations, and a new NIOSH Carcinogen Policy. For the most up to date information on Beryllium see the NIOSH Pocket Guide to Chemical Hazards.

The Act/EEOICPA | NIOSH | CDC

The Department of Labor (DOL) manages claims filed under the Act. Part B Part B of the Act provides compensation as well as related medical expenses to workers who contracted certain diseases as a result of exposure to beryllium, silica, or radiation while working for DOE, its contractors, or subcontractors in the nuclear weapons industry.

Surface Sampling Methods for Beryllium - Centers for Disease Control ...

Disclaimers Mention of company names or products does not constitute endorsement by the Centers for Disease Control and Prevention.

Docket 077: Manual of Analytical Methods, Beryllium | NIOSH | CDC

This is the docket for the draft NIOSH methods for Beryllium. NIOSH Method 7704 (air sampling) and Method 9110 (wipe sampling) and the backup data report for these methods. Beryllium is a health hazard with many uses in the ceramics industry and in military artillery.

BERYLLIUM in Surface Wipes by Field-Portable Fluorometry

The method was evaluated using beryllium oxide spiked onto Whatman #541 cellulose and nylon filters at levels of (0, 0.02, 0.1, 0.2, 0.3, 0.4, 1.5, 3.0, and 6.0) μg (five samples at each level). of Energy sites suspected to be contaminated with beryllium. Field samples measured by portable fluorometry were

NMAM METHOD 7704 - Centers for Disease Control and Prevention

Extraction of beryllium from refractory beryllium oxide with dilute ammonium bifluoride and determination by fluorescence - A multi-parameter performance evaluation.

BERYLLIUM in Air 7704 by Field-Portable Fluorometry

removed from any possible beryllium contamination. Any area affected by the dissolution or detection solutions must be immediately washed with plenty of water. Ammonium bifluoride will etch glass, so it is essential that all ammonium bifluoride solutions be contained in plastic labware. Avoid exposure by c

Report on Residual Radioactive and Beryllium Contamination at Atomic ...

Because beryllium sensitization can occur at very low levels of exposure, the level of residual beryllium contamination remaining was not considered in the determination. During the course of the radiation dose reconstruction process, data capture efforts were focused on processes and conditions relative to radioactive materials.