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Tribune photo by Candice C. Cusic

David Bustos of San Jose, Calif., underwent testing at National Jewish Medical and Research Center in Denver in April that found he has beryllium disease. He worked in metal recycling.

TRIBUNE INVESTIGATION

Deadly metal's use endangers workers

Employers often don't warn about risks from beryllium

By Sam Roe

Tribune staff reporter

Thousands of American workers are at risk for developing a chronic, often fatal lung disease because companies have exposed them to the highly toxic metal beryllium without adequate safeguards or warnings, a Tribune investigation has found

Workers in a variety of businesses, including the electronics, recycling, machining and dental industries, have been harmed by the deadly metal, whose toxic dust slowly damages victims' lungs.

In Florida, a dental lab worker developed beryllium disease after grinding crowns and bridges containing the metal. In

died of the illness after working at a metal recycling company And in Crystal Lake, Ill., 27-year-old machinist Richard Bowman contracted the disease at a small foundry. "I never even heard of beryllium disease until after I got sick," Bowman said.

Beryllium disease was once found primarily in the defense industry because of the metal's use in nuclear bombs and other weapons. Though still relatively rare, the illness now is emerging in private and consumer industries, where beryllium is valued for its light weight and superior strength.

The government agency responsible for protecting workers, the federal Occupational Safety and Health Administra-

Texas, a Salvadoran immigrant tion, requires workplace warnings on beryllium and places limits on beryllium dust exposure. It also has voluntary guidelines recommending that every company handling beryllium-no matter how small the business—regularly monitor its air for beryllium dust, provide employees with clothes and showers, and offer medical testing to any worker potentially exposed.

But companies are not following these rules and guidelines, and the government is not enforcing its laws.

The Tribune investigation was based on thousands of court, industry and government documents and dozens of inter-

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BERYLLIUM:

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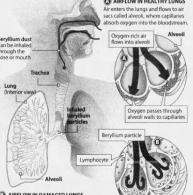
This is · a disaster waiting to happen'

views with health officials and business owners. Among the



SECTION 1







Ramon Ventura's son Juan, his daughter Nelly Canales and his wife, Maria, visit him in May at Houston's Methodist Hospital. The metal recycling worker died days later of beryling indicases.

disease. He also said his companies post warnings about beryllium for workers to see. "If I had any doubt that they were indanger, I'd definitely get whatever it took to protect them." he said.

But he acknowledged that his foundry quit using respirators more than 20 years ago because once the properties of the sease. They are my friends out that the air has not been tested for beryllium dust since August of that three of the six production that three of the six production that there is the six of the



um-nickel Ping putters and irons.
But Karsten said it stopped using beryllium because the clubs were not selling well and the safeguards needed to protect.
The Phoenix-based company also acknowledged that an employee filed a worker's compensation claim for beryllium disease shortly before Karsten stopped using the metal. Plus, documents from the Industrial Commission of Arizona show that Karsten could not, at times, control beryllium dust and that workers were repeatedly over.

In Auril 1989 Karsten's wark-

The 62-year-old CEO would not say how many of his workers have been diagnosed with beryllium disease, and he reported no visible symptoms of his illness: "The feeling terrification related the hierarchical beautiful to the company also said its methanics now use respirators of warming corp. I'm feeling terrification to the company also said its methanics now use respirators of warming corp. The feeling terrification to the company also said its methanics now use respirators of the company also said its methanics now use respirators of the capture of the company also said its methanics now use respirators of the capture of the company also said its methanics now use respirators of the capture of the cap

acted responsibly." Slitt said.

Metal recycling
David Bustos works in the recycling industry—the final desimation for tons of beryllium common production of the state of the said of the