

Re: how much lead when drinking from crystal

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From: jbuch (jbuch_at_CUTHERErevealed.net)

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Archimedes Plutonium wrote:

> *The reason crystal is called crystal is because it has lead crystal
> mixed with silicon.*

This is false.

Lead oxide is in the glass. Lead oxide, in crystal form, is transparent.
In powder form it is white.

You mmake stuff up, don't you?

leaded glass is called crystal for other reasons.

Some crystals are transparent and ring when you strike them.

>
> *I am not quite sure as to why or how the lead becomes transparent.
> Anyone know the physics behind why lead, a metal can become transparent?
> And can all metals become transparent when mixed with silicon?*

Sodium is gray metallic. Chlorine is a gas. When you mix the two it
becomes non-metallic salt. This is the result of a chemical reaction.

In macroscopic crystal form the salt is transparent as are some glasses.
In powder form both both salt and transparent glass become white.

In powder form, the salt is still crystals, just broken small shards.

>
> *But the question on my mind is the health question of how many atoms of
> lead does one ingest when drinking from a crystal glass containing lead.
> I suppose most people would say zero number of lead atoms gets into the
> body. I however am skeptical of that claim and would hazard to guess
> that a few atoms of lead are taken into the body whenever a person
> drinks wine from a crystal glass.*
>
>
> *Archimedes Plutonium*

sci.chem: Re: how much lead when drinking from crystal

> *www.iw.net/~a_plutonium*
> *whole entire Universe is just one big atom where dots*
> *of the electron-dot-cloud are galaxies*
>

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