Subject: Tritium artifacts!
Posted by Innovo on Mon, 27 May 2013 10:45:15 GMT
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I just finished a couple of my new Tritium "gadgets and artifacts" products.
Have a look...

Tritium Container

Tritium Cross

Thank you.

File Attachments

1) Tritium Container 3.jpg, downloaded 400 times
2) Tritium Container 1.jpg, downloaded 392 times
3) Tritium Cross Dark.jpg, downloaded 392 times
4) Tritium Cross Front.jpg, downloaded 393 times

Subject: Re: Tritium artifacts!
Posted by UniverseBecoming on Wed, 12 Jun 2013 14:40:34 GMT
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Great work!

By the way, where do you buy your tritium vials? I bought some tiny red ones from a guy in the Netherlands, but they are too dim to use. They only show a slight reddish orange light when in absolute darkness.

Subject: Re: Tritium artifacts!
Posted by Innovo on Wed, 12 Jun 2013 19:51:08 GMT
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UniverseBecoming wrote on Wed, 12 June 2013 14:40Great work!

By the way, where do you buy your tritium vials? I bought some tiny red ones from a guy in the Netherlands, but they are too dim to use. They only show a slight reddish orange light when in absolute darkness.

I buy them directly from the company Betalight. It only makes sense if you buy several pieces due to associated costs (shipping/handling). You can also order from e-bay, I bought my first pieces there. The red vials are the weakest (dark blue also) and should only be used if there is a very specific reason for using red.

File Attachments

1) Tritium brightness.jpg, downloaded 265 times

Subject: Re: Tritium artifacts!
Posted by UniverseBecoming on Thu, 13 Jun 2013 21:43:28 GMT
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Ah ha!

Thanks for that graphic! That explains it perfectly why I'm barely able to see the light from the red ones I have! I'll get some more in one of the brighter colors.

Thanks also for letting me know where to get these. I just wrote to http://www.betalight.com to get their ordering information.

Subject: Re: Tritium artifacts!
Posted by bartv on Fri, 14 Jun 2013 08:30:13 GMT
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Wow these are gorgeous! I browsed the website of Betalight but couldn't find prices - could you give me an indication?

Bart

Subject: Re: Tritium artifacts!
Posted by UniverseBecoming on Fri, 14 Jun 2013 08:54:46 GMT
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Hi Bart,

I tried to get the prices, but they apparently don't sell them to the US for the purpose that I wanted to use them for due to NRC regulations. Here's my email:

Hello,

I am designing a sterling silver jewelry line that will incorporate Betalights in various ways.

I'd like to receive ordering information about your raw light sources as shown here, http://www.betalight.com/index_product.htm.

A price list with minimum order details would be great. Thanks!

All the best,
James

And their response:

James,

Tritium light sources are highly regulated in the US and their use is limited, outside of military or law enforcement, to fixed location use for emergency egress markings. Many countries in Europe allow for the use in many consumer products but unfortunately in the US the only consumer approved, non-emergency applications are for watches and compasses.

Regards

Ralph Williams
Sales Manager

SRB Technologies, Inc.
Phone: 800-652-0098
FAX: 336-768-7720

He didn't give any further details. Perhaps, being that you are in Holland you'll be able to get them from Betalight and use them without restriction.

Subject: Re: Tritium artifacts!
Posted by bartv on Fri, 14 Jun 2013 08:56:20 GMT
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Thanks James! What about the safety - are there any health issues relating to the use of tritium?

Bart

Subject: Re: Tritium artifacts!
Posted by UniverseBecoming on Fri, 14 Jun 2013 09:10:30 GMT
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Not really. It's my understanding that tritium goes through the body in 12 days and it's just beta radiation, which is very weak being that the electrons can be stopped by ordinary printer paper. Our bodies receive more damage from natural background radiation than can be received by tritium in the minute quantities found in tritium vials. It's a dumb NRC regulation! The NRC allows it to be used in watches, but not in things like bracelets, pendants and rings! How the watch manufacturing industry in the US received such special favor beats me.

Subject: Re: Tritium artifacts!
Posted by TomBusscher on Sat, 15 Jun 2013 09:30:38 GMT
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Nice Idea and design!