

## Steward, Kara (ECY)

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**From:** Theodore.Knudson@materion.com  
**Sent:** Friday, October 07, 2016 6:37 AM  
**To:** Steward, Kara (ECY)  
**Subject:** Children's Safe Products Reporting Rule  
**Attachments:** Brush Wellman Comments on CSPA CHCC List 8-16-10.pdf; Brush Wellman Comments on CSPA CHCC List.pdf

October 7, 2016

Kara J. Steward  
Washington State Department of Ecology  
Hazardous Waste and Toxics Reduction Program  
PO Box 47600  
Olympia, WA 98504-7600

Dear Ms. Steward:

Please allow me to introduce myself. My name is Ted Knudson and I am the Director of Regulatory Affairs and Product Stewardship with the Materion Corporation (formerly known as Brush Wellman). Materion, headquartered in Mayfield Heights, OH, is the leading international supplier of high-performance engineered materials containing beryllium. The company is the world's only fully integrated supplier of beryllium, beryllium containing alloys and beryllium oxide ceramic. Beryllium, a naturally occurring element, is extracted from ores found in our mine in Utah.

I just became aware of the Washington State Department of Ecology's (Ecology) rulemaking update to the Children's Safe Products Reporting Rule and the petitions to add or delist chemicals. Of particular interest is the submission by the Washington State Toxics Coalition. In its August 5, 2016, letter, the coalition asks Ecology to consider the chemicals cited in a September 2013 letter (which is attached to its August 5 letter) in the rulemaking. One of those substances is beryllium.

Beryllium is a uniquely valuable industrial material with many critical, important and life-saving applications. It is used in or for industrial or manufacturing purposes, and is used in small amounts in electrical components of consumer products that are inaccessible to children. Any exposure to beryllium would be associated with handling and processing in an occupational setting, not during use of a consumer product.

Ecology's website lists beryllium in Table 2 - Chemical Requests Currently Not Under Consideration. Does this mean those chemicals will not be addressed during this rulemaking and will not be discussed at the October 25 meeting? Does this also mean these substances cannot be elevated after the October 25 meeting?

You may be unaware that Ecology already thoroughly reviewed beryllium and chose to remove beryllium from consideration when developing the initial list of Chemicals of High Concern in 2010. For your reference, I am forwarding copies of comments that were submitted to Mr. John Williams at that time. Please note below the 9/22/10 email from him indicating that beryllium was removed from the draft list. At the time, I also had conversations with Dr. Barbara Morrissey, Toxicologist, of the Washington Department of Health. She was consulted in Ecology's decision.

Nothing has changed since 2010 that should reverse Ecology's decision not to list beryllium. If anything, the reasoning not to list is even stronger today. Beryllium is not on EPA's TSCA Work Plan priority list, it was not included in the 2014 Vermont children's product bill, and it was delisted and removed from the Maine Toys and Children's Product Law list of Chemicals of High Concern after being reviewed by the Maine Centers for Disease Control and Department of the Environment.

Finally, the results from 5 of the last 6 National Health and Nutrition Examination Survey (NHANES) conducted by the Centers for Disease Control (CDC) did not find any detectable amounts of beryllium in the collected human bodily fluids. It has been reported that CDC dropped beryllium from the list of substances to be studied in subsequent NHANES based on these findings.

Thank you for considering my email. I would appreciate receiving feedback regarding the format for the October 25 meeting and also the Department's plans now or in the future for the chemicals listed in Table 2.

Sincerely;

**Ted Knudson, CIH**

Director, Regulatory Affairs and Product Stewardship

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"Williams, John (ECY)"

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09/22/2010 11:18 AM

To [<Theodore\\_Knudson@brushwellman.com>](mailto:Theodore_Knudson@brushwellman.com)

cc

Subject RE: Comments on the Inclusion of Beryllium on the CHCC List in the CSPA Pilot Rule

Hello Ted

I wanted to let you know that upon reviewing this additional information, and doing some other work it was decided that beryllium will be removed from the list of chemicals.

Thank-you for your input.

John

John R. Williams Jr.

Department of Ecology

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[jowi461@ecy.wa.gov](mailto:jowi461@ecy.wa.gov)

fA Please consider the environment before printing this e-mail

From: [Theodore\\_Knudson@brushwellman.com](mailto:Theodore_Knudson@brushwellman.com) [[mailto:Theodore\\_Knudson@brushwellman.com](mailto:Theodore_Knudson@brushwellman.com)]

Sent: Monday, August 16, 2010 12:11 PM

To: Williams, John (ECY)

Cc: Morrissey, Barbara (DOH)

Subject: Comments on the Inclusion of Beryllium on the CHCC List in the CSPA Pilot Rule

August 16, 2010

John Williams  
Department of Ecology  
P.O. Box 47600  
Olympia, WA 98504-7600

Dear Mr. Williams:

Attached please find comments from Brush Wellman Inc. regarding the continued inclusion of beryllium and beryllium compounds on the Chemicals of High Concern for Children (CHCC) List in the Draft Children's Safe Product Act (CSPA) Pilot Rule.

If there are any questions concerning these comments or you would like additional information, please contact me.

Sincerely;

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