

Frequently Asked Questions about Recycling, Disposal and Waste Classification of Beryllium Oxide (BeO) Ceramic FAQ 307

Can beryllium oxide (BeO) ceramic and products containing BeO ceramics be recycled?

Yes. BeO ceramic can and is recycled by Materion Ceramics Inc. Products containing BeO ceramics can also be recycled to recover the BeO ceramic as well as other materials contained in the product. If you have questions regarding the recyclability of products containing BeO ceramics or would like additional information on recycling BeO ceramics, please call 1-510-661-9720.

Can BeO ceramic and products containing BeO ceramics be disposed?

Yes. BeO ceramics and products containing BeO ceramics can be disposed of as any other ceramic material. When BeO ceramics and products containing BeO ceramics are no longer recyclable and declared solid wastes, they must be labeled, managed and disposed of in accordance with federal, state and local requirements.

Is BeO ceramic or products containing BeO ceramics classified as a hazardous waste?

No. Under federal regulations and most state regulations, BeO ceramic or products containing BeO ceramics that are no longer recyclable and declared solid wastes are **not** classified as hazardous waste due to the content of BeO ceramic. However, these materials may be classified as hazardous waste due to the presence of other hazardous waste constituents such as cadmium, chromium, lead, mercury and silver.

In addition to the federally regulated hazardous waste constituents, the State of California also lists antimony, beryllium, cobalt, copper, molybdenum, nickel, thallium, vanadium and zinc and their compounds as hazardous waste constituents when present above specified concentrations. In the case of beryllium oxide, the threshold concentration is 75 mg/kg. However, if the material is destined to be recycled, it need only be managed in accordance with applicable California regulations relating to storage, treatment and transportation until the material is recycled.

How can I obtain assistance?

If you have any questions regarding the above information, please contact your sales representative; our sales department at +1-216-486-4200; or the Product Safety Hotline at 1-800-862-4118 (in the U.S.) or +1-216-383-4019 (outside the U.S.). This document, as well as other product specific safety data information, can be found at www.materion.com. Additionally, information on the Beryllium Worker Protection Model and process specific safety guidance can be found in the Interactive Guide to Working Safely with Beryllium and Beryllium-containing Materials at www.berylliumsafety.com.