

APPLICATION NOTE

How to Dispose of NanoFoil®

Introduction

Ignited or spent NanoFoil® is very stable and must be ignited before disposal.

Disposal Method

In order to safely ignite NanoFoil® for disposal, line the bottom of a metal pan (container) with approximately 1/2" or 1cm of sand. Carefully place the unactivated NanoFoil® on top of the layer of sand.

If there are multiple pieces of NanoFoil® in the metal pan, it should be necessary to ignite only one piece. To do this, make sure that every piece physically contacts at least one other piece and that they are daisy-chained to the site of ignition.

After the NanoFoil® has been placed on top of the sand, ignite it using an appropriate technique, taking care to ensure that nearby objects and people are at a safe distance or adequately protected from the heat produced by the NanoFoil® reaction. The NanoFoil® reaction results in a very stable and inert compound that is comprised mostly of nickel and aluminum.

Dispose the ignited or spent NanoFoil® in accordance with all applicable local, state/provincial, and federal/central government regulations.

Unactivated NanoFoil® should never be handled by hand. Ignition of NanoFoil® in contact or near the body, be it intentional or unintentional, can cause severe burns. Tongs or tweezers should be used. If NanoFoil® must be manipulated by hand, burn-proof gloves should be worn.



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