

GhostWipe FAQs

Of what material is the GhostWipe made?

The GhostWipe is constructed from a polyvinyl alcohol and is made to the specifications set forth in ASTM E1792 and D7707.

What is special about the GhostWipe?

The GhostWipe and collected sample residue completely dissolve into solution during the digestion. Dependent upon the material wiped, filtration may not be necessary. In addition, the GhostWipe is more rugged than other traditional paper wipes and will not fall apart during the wiping of rough surfaces.

What does the GhostWipe detect?

Nothing. The GhostWipe is used to sample dust on surfaces. After sampling, the wipe must be analyzed by a laboratory for trace metals.

How much surface area should I wipe?

ASTM Method E1728 calls for a minimum of 10 x 10 cm area up to a 30 x 30 cm (1 square foot) area. Environmental Express provides both disposable templates, C1010 and C1012 respectively.

What is the liquid/moisture on the wipe?

Deionized water. We analyze the water for background contamination before wetting the individual wipes and packaging.

Do I need an SDS?

No. The DOT does not require an SDS for this product as there are no hazards associated with it.

After I take the dust sample, what do I do with the wipe?

Per ASTM Method E1728-96A, each wipe should be placed in “a sealable rigid walled container with 50mL minimum volume”. Environmental Express offers 50mL digestion cups which come with a Certificate of Analysis for cleanliness.

What other metals can be analyzed using the GhostWipe?

Lead and Beryllium testing are the main elements. Labs have had success with Arsenic, Cadmium, Chromium and other elements, but these are not analyzed on a routine basis by Environmental Express. If you are wanting to use the GhostWipe for anything other than Lead or Beryllium, you should digest a blank GhostWipe and get a background concentration for the analytes of interest.