

Analytical Services for the Built Environment



SAFE SAMPLE HANDLING CHECKLIST

- ☐ Sample material when area is not in use
- ☐ Utilize an approved respirator
- ☐ Mitigate the risk of dust creation/inhalation
- ☐ Wet the area to be sampled prior to sampling to help reduce dust formation`
- ☐ Ensure all possible layers are represented in each sample (ie: paint, glue, paper, drywall, etc.)
- ☐ Refer to SGS Sampling Guidelines for required sample volumes
- ☐ Collect samples in a clean and dry zipper-style plastic bag. Ensure the bag has no perforations and fully sealed
- ☐ Wipe the outside of each sample bag with a damp cloth to remove any dust
- ☐ Label each sample bag with sample location, description, and date.
 - Include all pertinent details.
 - Sample label must match Chain of Custody submitted
- ☐ Prepare a Chain of Custody (CoC) and submit with samples

VERMICULITE:

When sampling, scoop from the bottom, as asbestos tends to settle. The EPA recommends wearing a respirator and minimizing the amount of time spent in the sampling area.

PLEASE CONTACT YOUR SGS REPRESENTATIVE FOR MORE INFORMATION.
WWW.SGSGALSON.COM/ASBESTOS-TESTING/



EPA Guidelines

BULK SAMPLING FOR ASBESTOS (104)_AF.R1

- The sampling tool must be cleaned with amended [soapy] water after every sample is collected, or a different clean tool must be used
- The sampler must avoid touching the material being sampled with [their] hands
- The area being sampled must be sufficiently wet before collecting the sample.
- The space left after sampling must be enclosed or encapsulated to reduce the chance of airborne exposure.
- The object or material sampled should be minimally disturbed during the sampling process.

Bulk Asbestos Sampling Guidelines



1 CUBIC INCH - FULL DEPTH/INTACT
Tablespoon (~15mm)

Ceiling Tile
Mortar (Cementitious materials)
Pipe Insulation
Plaster



1 SQUARE INCH
Golf Ball size

Caulking (Putty)
Drywall joint compound
Spray-on Materials
Stucco
Textured finish



3 SQUARE INCHES (LAYERED MATERIAL)
Bank Card size

Floor tile with Mastic
Layered Paper Insulation
Roofing Felt or Roof Core
Vinyl Sheet Floor or Vinyl flooring



4 LITER

Vermiculite insulation

TYPE OF MATERIAL

HOMOGENEOUS MATERIAL AREA SIZE

MIN NUMBER OF COLLECTED SAMPLES

Surfacing material, including without limitation material that is applied to surfaces by spraying, by troweling or otherwise, such as acoustical plaster on ceilings and fireproofing materials on structural member.

< 90 m²

3

90 ~ 450 m²

5

>450 m²

7

Thermal insulation

Any size

3

Thermal insulation patch

< 2 linear meters
or 0.5 m²

1

Other material

Any size

3



Per EPA/600/R-93/11, sufficient representative sample volume should be provided for analysis to maintain precision and accuracy of any data. SGS may reject samples of insufficient volume or may obtain client authorization to proceed with analysis by including a notation of the subsequent limitations on the report.

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