

SPEX **SamplePrep**® 


Your Science Is Our Passion.™

HANDBOOK
OF SAMPLE
PREPARATION
& HANDLING

Mixing &
Blending



Tissue
Homogenization
Cell Lysis



Grinding &
Pulverizing



Borate
Fusion



Pressing &
Pelletizing



SPEX SamplePrep. 

Handbook of SAMPLE PREPARATION and HANDLING

Eleventh Edition Contributing Editors

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How to Use the SPEX SamplePrep Handbook of Sample Preparation and Handling

The SPEX SamplePrep Handbook can help you get the most from your analyses by increasing the reliability and reproducibility of your prepared samples. It suggests how the most heterogeneous, unmanageable materials can be transformed into samples ideal for your analysis, whether as fine, homogeneous powders, compressed powder sample disks, fused glass disks, or solutions. There are techniques for avoiding sample contamination, inhibiting caking during pulverization, protecting sample disks against breakage, and coping with many other sample preparation difficulties. The Handbook also includes a complete listing of reliable sample preparation products to make the analyst's life easier.

The Handbook also includes a complete listing of reliable sample preparation products to make the analyst's life easier.

The Handbook is divided into 3 sections:

- **Section 1** - Product information such as descriptions and catalog numbers for ordering
- **Section 2** - Technical information associated with these products along with sample preparation techniques and application
- **Section 3** - Our Application Notes library regarding the use of our equipment for your specific application

Each chapter within these sections pertains to a particular product, as well as the sample preparation technique as it relates to a particular product. Margin tabs have been included to differentiate these areas. The sample preparation techniques are discussed in further detail at the end of this introduction.

Procedural tips and applications-oriented product descriptions are supported by photographs, diagrams, and product comparison charts.

A subject index (pg. 208) makes it easy to locate information about particular products, samples, sample preparation techniques, or analytical methods. A numerical product index (pg. 216) helps you find product descriptions for SPEX SamplePrep laboratory equipment and supplies by model or catalog number.