



**HeBoCoat® 401E** is a Boron Nitride spray supplied in a practical aerosol can. Its ethanol base enables good substrate wetting and quick drying. The high temperature adhesive properties of the coating to metallic substrates, glass, ceramics and graphite are excellent.

- Advantages**
- ▶ Quick drying due to the solvent base
  - ▶ Good surface wetting
  - ▶ Easy to use
  - ▶ Maximum effectiveness even when used sparingly
  - ▶ Improved cleanliness in comparison to traditional release agents and lubricants
- Properties**
- ▶ Excellent surface adhesion due to the inorganic binder
  - ▶ Excellent lubricating and release properties even at high temperatures
  - ▶ Prevents the adhesion of metal, glass and polymer melts
  - ▶ Temperature resistant, up to 900 °C in air
  - ▶ Temperature resistant, up to 2000 °C under inert gas/vacuum
- Typical Areas of Application**
- ▶ Release agent for sintering supports
  - ▶ Anti-spatter coating for welding and soldering applications
  - ▶ Protective coating in PVD equipment for easier cleaning
  - ▶ Release agent and lubricant in glass manufacture
- Recommendations for Processing**
- ▶ Shake well before use
  - ▶ Apply only to clean, dust and oil free surfaces
  - ▶ Spraying distance approximately 20 cm
  - ▶ Apply sparingly and in thin coatings
  - ▶ The **HeBoCoat® 401E** coating has dried when no solvent odour can be detected
- Technical Data**
- ▶ Colour: White
  - ▶ Solid content: Boron Nitride
  - ▶ Binder: SiO<sub>2</sub>
  - ▶ Solvents: Ethanol
- Packing Units**
- ▶ 500 ml tin can
  - ▶ 12 tin cans in a box



**Storage and Safety** This product is highly inflammable and in the context of transport regulations it falls under the dangerous goods classification. Keep cool and dry. Minimum shelf life 36 months if stored in original packaging and under appropriate conditions. For further information please refer to the current safety data sheet.

The data quoted in this leaflet are typical for the material. They are intended as a guide only and should not be used in preparing detailed specifications. Actual product data may deviate from the figures given. We reserve the right to alter product data within the scope of technical progress and new developments. Since processing involves factors that are beyond our control, recommendations made in this leaflet should be checked by preliminary trials, especially for third party applications. These recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, from clarifying the situation.