BN Lubricoat® is our proven “workhorse” release agent for high-temperature use. BN Lubricoat® is ideal for providing true Teflon®-like non-wetting for all liquid metal transfer system components. Also, BN Lubricoat is non-reactive and non-stick with glass, slags, fluxes. As a lubricant/non-stick agent, BN Lubricoat is ideal for hot-pressing and glass forming.

**Key Attributes**

- Totally Non-Wetted by Molten Aluminum, Magnesium, Zinc and Their Drosses
- Acts Like Teflon® to Molten Metal
- Protects Ceramics, Metals and Graphite
- Maintenance is Reduced and Operator Satisfaction Maximized
- Applied Like House paint

### Ideal Use

- Launder & Runners
- Auto-Pour Ladles
- Troughs & Tubes
- Funnels & Spouts
- Filter Bowls, Boxes
- Caster Tips
- Dross Press Heads
- Brake Stop-Off
- Weld Spatter Release

### Use Notes

1. Resuspend if needed. Can dilute with water.
2. Clean surfaces to be painted of any oils, dirt, scale, etc.
3. Apply one thin layer by brush, dip or spray like ordinary house paint.
4. Allow to dry thoroughly before use.

### Safety Information

- Consult SDS before use.
- Avoid breathing of spray/vapors.
- For Industrial Use only.

**CAUTION: DO NOT CONTACT WET COATINGS WITH MOLTEN METAL.**

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**Specifications**

- **Active Ingredient**: BN
- **Max Use Temperature**: Air 1832 F / 1000 C  
  Vac 2552 F / 1400 C  
  Inert 3272 F / 1800 C
- **Use Atmosphere**: All
- **Fired Composition**: >85% BN
- **Liquid Carrier**: Water
- **Binder Phase**: Al₂O₃
- **Active Ingredient Level**: Fully Loaded
- **Brookfield Viscosity (cps)**: 900-1150 @3/60
- **Specific Gravity**: 1.2
- **Color**: White, except when specified blue
- **Shelf Life (months)**: >12
- **Coverage (ft²/gal)**: 100 to 400
- **Coating pH**: 2-4
- **H F R Ratings**: 1-0-0
- **Substrate Use**: All

**Sizes and colors**

Boron Nitride Lubricoat is a white colored paint. Boron Nitride Lubricoat-Blue is a blue colored paint that may offer better visibility. We also offer a white paste for uses where a thicker version of our Boron Nitride Lubricoat is needed: BN Lubricoat Paste.

Standard Size: wide-mouth 1 gallon pail. Also available in 5 gallon pail upon request.