



120 Valley Court
Oak Ridge, TN 37830
Ph: 865-482-5717
FAX: 865-482-1281
zypcoatings.com

Boron Nitride Lubricoat® Boron Nitride Lubricoat-Blue®

Our Best, All-purpose, Coating Concentrate

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
- Safe, Water-Based, No VOC's

Ideal Use

- Launders & Runners
- Auto-Pour Ladles
- Troughs & Tubes
- Funnels & Spouts
- Filter Bowls, Boxes
- Caster Tips
- Dross Press Heads
- Braze 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.



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	Al ₂ O ₃
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 (ft ² /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.
Blue version also available in a 6 liter (1.59 gallon) keg with easy opening screw lid.

CAUTION: DO NOT CONTACT WET COATINGS WITH MOLTEN METAL.

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