



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

Boron Nitride Lubricoat Blue® Spray

Convenient Non-Aerosol Trigger Sprayer of Boron Nitride (BN) Lubricoat Blue®

BN Lubricoat Blue® Spray is packaged in a convenient trigger sprayer for applying thin, uniform, quick-drying layers of coating onto most any substrate. This trigger sprayer allows the user to apply the coating in an atomized spray similar to our original BN Aerosol Lubricoat spray can. However, this sprayer is non-flammable, non-pressurized, and contains no solvents. As a result, the product has much lower shipping and handling costs.

Key Attributes

Ready-to-Use Trigger Sprayer of our best "workhorse" BN Coating

Anti-stick:

- Molten Al, Mg, & Zn • Hot- Pressing
- Weld Spatter • Braze Stop-Off

High-temperature Lubrication:

- Extrusion • Superplastic Forming
- Stops galling • Dry-Film Lubricant (DFL)

Ideal Use

- Reducing Friction
- Providing Release
- Barrier Layer

Use Notes

1. Clean surfaces to be painted of any oils, dirt, scale.
2. Shake the bottle so paint is uniformly suspended.
3. Set up a cardboard piece and test spray onto it by squeezing the trigger several times to start the spray/flow. This will also show the spray pattern.
4. Move the spray tip from left-to-right while squeezing the trigger to coat the part with the first coat. Coating can be varied by the frequency and strength of squeezing the trigger. After one 'pass', move the spray tip about halfway down and continue spraying. Repeat this until the entire area to be painted is covered uniformly. The wet coating can be smoothed with small brush, if necessary.
5. Dry the coated part until "dry-to-the-touch" and repeat Step 4 if a second coat is desired. Dry thoroughly before placing the coated part into its high-temperature environment (generally a furnace being heated up to the use-temperature).



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	Blue
Shelf Life (months)	>12
Coverage (ft ² /gal)	100 to 400
Coating pH	2-3
H F R Ratings	1-0-0
Substrate Use	All

Sizes and colors

Standard Size: 12 oz. spray bottle; Sold in a package of two spray bottles. Single bottle also available. Can also be purchased as bulk paint for re-filling: use "BN Lubricoat Blue."

Safety Information

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

ZYP Coatings, Inc. (ZYP) makes no warranties, express or implied, including the warranty of merchantability or fitness for a particular service. Product is for industrial/commercial use only. Users should determine suitability for their use. In no event will ZYP be liable for any direct, indirect, incidental, special or consequential damages or losses including, but not limited to loss of profits, in any way related to this product regardless of the legal theory asserted.