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## Boron Nitride Lubricoat®-ZS Boron Nitride Lubricoat-Blue®-ZS

### Highly Dilutable Paint

BN Lubricoat®-ZS is the same as our regular BN Lubricoat® except for using a hydrochloric-acid "peptizer" instead of nitric-acid. The "ZS" version is thus somewhat better in adherence and also more dilutable with water than our regular BN Lubricoat. The "ZS" works well as long as the surface/substrate is OK with this type of acidic (like lemon juice) carrier.

#### 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
- Dilutable to Most Any Level
- Applied Like House paint
- Safe, Water-Based, No VOC's

#### Ideal Use

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

#### Use Notes

1. Resuspend if needed. OK to dilute with water with 2 parts water to 1 part coating as normal.
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 1800 F / 1000 C Vac 2552 F / 1400C Inert 3272 F / 1800C
Use Atmosphere	All
Fired Composition	>85% BN
Liquid Carrier	Water
Binder Phase	Al <sub>2</sub> O <sub>3</sub>
Active Ingredient Level	Fully Loaded
Brookfield Viscosity (cps)	1500-2500 @4/60
Specific Gravity	1.2
Color	White, except when specified blue
Shelf Life (months)	>12
Coverage (ft <sup>2</sup> /gal)	100 to 400
Coating pH	2-4
H F R Ratings	1-0-0
Substrate Use	All

#### Sizes and colors

Boron Nitride Lubricoat-ZS is a white colored paint. Boron Nitride Lubricoat-Blue-ZS is a blue colored paint that may offer better visibility.

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

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

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