

# BORON NITRIDE LUBRICOAT® AND LUBRICOAT BLUE®



## TOTAL PROTECTION FROM MOLTEN ALUMINUM, MAGNESIUM, ZINC AND THEIR DROSSES



Our best, all-purpose, "top-of-the-line" coating concentrate.

### SPECIFICATIONS

Active Ingredient .....	BN
Use Temperature.....	1800 °F / 1000 °C
Use Atmosphere .....	All
Fired (or dried) Composition.....	85-90% BN 10-15% Al <sub>2</sub> O <sub>3</sub>
Liquid Carrier .....	Water
Binder Phase .....	Al <sub>2</sub> O <sub>3</sub>
Percent Carrier.....	75
Percent Active Ingredient .....	25
Viscosity.....	900-1200 cps
Specific Gravity (g/cm <sup>3</sup> ) .....	1.12
Color .....	White, except when specified blue
Shelf Life (months) .....	>12
Coverage (ft <sup>2</sup> /gal .....	400
Coating pH.....	2-4
H-F-R Ratings .....	1-0-0
Substrate Use.....	All

### USE NOTES

1. Resuspend if needed.
2. Clean surfaces to be painted of oils dirt, scale etc.
3. Apply one thin layer by brush or spray like ordinary house paint.
4. Allow to dry at room temperature before use.

**NEVER CONTACT WET COATINGS WITH MOLTEN METAL.**

### KEY ATTRIBUTES

- Totally non-wetted by molten aluminum, magnesium, 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

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

Teflon® is a registered trademark of DuPont.

Boron Nitride Lubricoat® and Boron Nitride Lubricoat Blue® are registered trademarks of ZYP Coatings, Inc.

Note: The physical and chemical properties listed represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice.

**Product Type: 109**

**Commodity Code: 07002**

**DISTRIBUTED BY PYROTEK INC.**

**PYROTEK INC. • CORPORATE OFFICE • 9503 E. MONTGOMERY AVENUE, SPOKANE VALLEY, WA 99206, USA • P: 509-926-6212 • F: 509-927-2408  
www.pyrotek.info • email: info@pyrotek.info**

**DEC-04-EL-784**