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## Boron Nitride Lubriccoat® ALK Boron Nitride Lubriccoat-Blue® ALK

### pH-Alkaline Version of Our Best, All-Purpose Coating

BN Lubriccoat ALK is a pH-Alkaline/Basic version of our proven “workhorse” release agent for high temperature use. BN Lubriccoat ALK is ideal for providing true Teflon®-like non-wetting for all liquid metal transfer system components and is non-reactive and non-stick with metals, glasses, slags, fluxes. Contains NO silicates to provide highest stability. Due to having its pH as Alkaline/Basic, BN Lubriccoat ALK is compatible with mild steel as well as with alkali-silicate bonded coatings and ceramics.

#### 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
- Dilutable with water
- Alkaline pH (near-neutral) - stable with most all ceramics, metals, and coatings

#### Ideal Use

- Launderers & 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, with 1:1 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

#### 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	>75% BN
Liquid Carrier	Water
Binder Phase	Al <sub>2</sub> O <sub>3</sub>
Active Ingredient Level	Fully Loaded
Brookfield Viscosity (cps)	5150-7500@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	Near 8
H F R Ratings	1-0-0
Substrate Use	All

#### Sizes and colors

Boron Nitride Lubriccoat ALK is a white colored paint. Boron Nitride Lubriccoat-Blue ALK 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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