BN Lubricoat ALK is a pH-Alkaline/Basic version of our proven “workhorse” release agent for high temperature use. BN Lubricoat 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 Lubricoat 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
- Launder & Runners
- Auto-Pour Ladles
- Troughs & Tubes
- Funnels & Spouts
- Filter Bowls, Boxes
- Caster Tips
- Dross Press Heads
- Brazing 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.

CAUTION: DO NOT CONTACT WET COATINGS WITH MOLTEN METAL.

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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: Al₂O₃
- 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 (ft²/gal): 100 to 400
- Coating pH: Near 8
- H F R Ratings: 1-0-0
- Substrate Use: All

Sizes and colors
Boron Nitride Lubricoat ALK is a white colored paint. Boron Nitride Lubricoat-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.