



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

BN Lubriccoat® Paste

Our Best Water-Based Paste with Boron Nitride

BN Lubriccoat Paste is the same “workhorse” formulation of our BN-Lubriccoat but available in PASTE consistency. Thus, this version can be applied in thick layers or diluted with water to make a paint usable for all liquid metal transfer components to yield excellent nonwetting/release with aluminum, magnesium, zinc and other nonferrous metals and alloys. Also good with glass-forming.

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 Spackling Compound
- Safe, Water-Based, No VOC's

Ideal Use

- Molten Metal Release
- Anti-stick/Lubricant
- Barrier Layer
- Filling gaps/holes
- Braze Stop-Off

Use Notes

1. Resuspend if needed. Can dilute with water.
2. Clean surfaces to be painted of any oils dirt, scale, etc.
3. Apply 1 layer if troweling. Dilute with water to brush or air-spray. Dry after applying each layer.
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 1832 F / 1000 C Vac 2552 F / 1400 Inert 3272 F / 1800
Use Atmosphere	All
Fired Composition	>85% BN
Liquid Carrier	Water
Binder Phase	Al ₂ O ₃
Active Ingredient Level	Fully Loaded
Brookfield Viscosity (cps)	35,000-46,000 @4/12
Specific Gravity	1.22
Color	White
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

BN Lubriccoat Paste is white colored.

Standard Size: wide-mouth 1 gallon pail.

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

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. Teflon® - reg. trademark of DuPont.