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BN Lubricoat® Paste

Our Best Water-Based Paste with Boron Nitride

BN Lubricoat Paste is the same “workhorse” formulation of our BN-Lubricoat 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/re-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 Lubricoat Paste is white colored.

Standard Size: wide-mouth 1 gallon pail.

CAUTION: DO NOT CONTACT WET COATINGS WITH MOLTEN METAL.

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