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BN Lubricoat® PW-DIL

This is a Highly-diluted Version of Our Best, All-purpose, "Top-of-the-Line" Boron Nitride Lubricoat Coating

BN Lubricoat PW-DIL was developed as a version of our "workhorse" BN Lubricoat concentrated coating that is highly diluted with purified demineralized water. Thus PW-DIL allows application of thinner coatings with all the good properties of the best BN coating. This product utilizes nitric acid "peptizer" and is stable with all substrates that are compatible with pH-Acidic (like lemon juice) systems.

Key Attributes

- Provides all the good properties of BN Lubricoat
- Very low viscosity – ideal for air-spraying
- Provides non-stick, release, diffusion barrier layer coating of BN
- Ready-to-use, pre-diluted to ensure uniformity
- Water-based, safe and easy to clean up.

Ideal Use

- All molten nonferrous metal transport components – nonwetting release agent
- Barrier layer for diffusion bonding
- Braze stop-off

Use Notes

1. Resuspend if necessary.
2. Clean surfaces to be painted of any oils, dirt, scale, etc.
3. Apply one thin layer by air-spray or brush. Apply other layers if needed – drying after prior layer(s).
4. Thoroughly dry 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 C Inert 3272 F / 1800 C
Use Atmosphere	All
Fired Composition	>85% BN
Liquid Carrier	Water
Binder Phase	Al ₂ O ₃
BN Level	Low Loading
Brookfield Viscosity (cps)	2-4 @1/60
Specific Gravity	1.0
Color	White
Shelf Life (months)	>12
Coverage (ft ² /gal)	100 to 600
Coating pH	3
H F R Ratings	1-0-0
Substrate Use	All

Sizes and colors

BN Lubricoat PW-DIL is a white colored paint.

Standard Size: 1 gallon pail
 5 gallon pail

CAUTION: DO NOT CONTACT WET COATINGS WITH MOLTEN METAL.

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