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BN Glass Release Spray

Non-Aerosol Sprayer with Specially Formulated Boron Nitride Paint for Glass Slumping

Boron Nitride Glass Release Spray provides a water-based BN paint as an alternative to our flammable solvent-based aerosol BN Aerosol Lubriccoat (sometimes referred to as just "ZYP" or "ZYP Mold Release Spray"). This water-based paint will take longer to dry than solvent-based paint. Glass Release is a non-hazardous product, thus allowing much lower shipping/handling costs. Just like our aerosol, this new easy-to-use trigger sprayer allows application of BN paint onto most any non-glazed (i.e., bisque) surface, substrate or mold. This product is not recommended for metal molds, but it can be made to work if the metal mold is preheated to ~150-200 C (~300-400 F) prior to application.

Key Attributes

- Ready-to-Use Trigger Sprayer
- Water-based, Non-Flammable, Non-Hazardous
- Anti-Stick/Easy Release

Ideal Use

- All Glass Slumping and Forming using Bisque Molds.

Note: This product is not recommended for metal molds

Use Notes

1. Clean surfaces to be painted of any oils, dirt, scale.
2. Shake the bottle so paint is uniformly suspended.
3. Set up a cardboard piece and test spray onto it by squeezing the trigger several times to start the spray/flow. This will also show the spray pattern.
4. Move the spray tip from left-to-right while squeezing the trigger to coat the part with the first coat. Coating can be varied by the frequency and strength of squeezing the trigger. After one 'pass', move the spray tip about halfway down and continue spraying. Repeat this until the entire area to be painted is covered uniformly. The wet coating can be smoothed with small brush, if necessary.
5. Dry the coated part until "dry-to-the-touch" and repeat Step 4 if a second coat is desired. Dry thoroughly before placing the coated part into its high-temperature environment (generally a furnace being heated up to the use-temperature).



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	>97% BN
Liquid Carrier	Water
Binder Phase	Proprietary
Active Ingredient Level	Fully Loaded
Brookfield Viscosity (cps)	8-20@1/60
Specific Gravity	1.1
Color	White
Shelf Life (months)	>12
Coverage (ft ² /gal)	100 to 400
Coating pH	7-8
H F R Ratings	1-0-0
Substrate Use	All

Sizes and colors

Standard Size: 12 oz. spray bottle; Sold in a package of two spray bottles. Single bottle also available. Can also be purchased for re-filling; use "BN Glass Release Brushable Bulk Paint."

Safety Information

- Consult SDS before use.
- Avoid breathing of spray/vapors.
- For industrial use only

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