



## PRODUCT INFORMATION SHEET

### Boron Nitride Spray

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**Description:** **Boron Nitride Spray** is a high temperature lubricant, protective coating and mold release compound used on tooling for the manufacture of products made from molten glasses.

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<b>Physical Properties:</b>	Lubricating Solids	- Boron Nitride
	Appearance	- Boron Nitride spray in aerosol can
	Vapor Density	- (AIR=1): 1
	Vapor Pressure	- 10.1 hPa
	Odor	- Sweet
	Flash Point	- -17.8°C (0.04-°F)
	% Volatile by Volume	- 95
	Solubility in Water	- Slight
	Melt Point	- No data available
	PH	- No data available
	Boiling Point	- No data available
	Use Atmosphere Limits	- Air 1000°C / 1832°F
	Use Atmosphere Limits	- Vacuum 1400°C / 2552°F
	Use Atmosphere Limits	- Inert 1800°C / 3272°F
	Weight	- 13 oz. / 369 g.
	Shelf Life	- One year under original seal
	Packaging	- 12 cans to a box

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**Typical Uses:** label tabs, neck rings, embossed areas on the mold and bottom plates.

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**Method of Use:** **Boron Nitride Spray** should be applied to a clean and dry surface. Mask the area to be sprayed. Hold can 6 to 8 inches above surface. Use stroking motion applying successive light coats rather than one heavy coat. Allow sufficient drying between coats to prevent running. Clean valve after use. Turn upside down and spray 4 seconds. Use in well ventilated area.

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**Other Applications:** Metal Processing such as casting, forging, stamping and extrusion. Surfaces that come in contact with hot & molten metals such as sintering plates. Welding nozzles, prevents welding spatter from sticking and stop-off protection in brazing. Superplastic forming and where high electrical resistance and good thermal conductivity are required, an excellent coating for electrical heating elements.

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**Precautions:** For information on storage, handling, hazards, etc. please refer to safety data sheet.

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