



BORON NITRIDE COATINGS

SINYO INC.

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- ▲ ALC80[®]-BN RELEASE COATINGS. •Totally Non-Wetted by Molten Aluminum, Magnesium, Zinc , Glass and Their Drosses. Mold release application.
- ▲ LND40[®]-BN COATINGS. Also non-wetted by Aluminum, Magnesium, Zinc... For molten metal launder, runner, stirrer, dipper lubrication.
- ▲ LUB10[®]-BN LUBRICATE COATINGS. For welding and furnace brazing. They protect surfaces from weld spatter and provide superior stop-off protection. BN coatings also protect MIG/MAG welding nozzles from weld spatter. Also provide antioxidant performance for graphite.

FEATURES/BENEFITS

Totally protects and makes all surfaces none wetted by molten Aluminum, Magnesium, and their Dross.
Truly abrasion resistant
Easily applied like housepaint to metals, ceramics, and graphite.
Water-based, Ready-to-use,
None VOC's



	ALC80	LND40	LUB10
Active Ingredient	BN	BN+Mica	BN
Max Use Temp	1000/1400 Vac.	900 Air	1000/1400 Vac.
Fired composition	>85% BN	>60%BN,~15% mica	>90% BN
Binder phase	Al ₂ O ₃	Al ₂ O ₃	Al ₂ O ₃
Viscosity(cps)	600-900	800-1200	500-700
Gravity	1.15	1.2	1.12
Color	Blue/white	Blue	Blue/White
Shelf Life(months)	>12	>12	>12
Coverage(M ² /kg)	>15	>10	>15
Coating PH	2-3	3-4	5-6
Substrate Use	All	Ceramic/Steel	All
Instruction for use	Spraying	Brushing	Dipping/spraying

CAUTION: Product is for industrial/commercial use only. Users should determine suitability for their use. In no event will SINYO 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.