

# GLOOK BN-80

## Features & Benefits

- Completely Non-Wettable to Molten Aluminum, Magnesium, Zinc & other Non-Ferrous Alloys
- Protects Tools, Ladles & Molds both Metal & Ceramic
- Easily Dilutes with Water
- No VOC's



## PRODUCT DESCRIPTION:

**GLOOK BN-80** is 100% boron nitride release designed for coating molten **aluminum, magnesium, or zinc** accessories. The coating which is in a slurry form can be applied by brushing or spraying. **GLOOK BN-80** will prevent burn on with consistent use and will extend the life of all molten aluminum, magnesium, or zinc accessories. The coating is designed to be reduced with water at the customer's facility.

## TYPICAL CHARACTERISTICS:

APPEARANCE: ..... Light Blue  
 SOLIDS: ..... 38% - 40%  
 BAUME` : ..... 40° - 50°  
 VISCOSITY: ..... 1700 – 2200 CPS  
 (Brookfield Viscometer Spindle 3 @ 20 RPM)

## APPLICATION:

- Mix coating for ten minutes for best suspension.
- Adjust to the specifications found in the Technical Data Sheets.
- Apply a single coat by brushing, spraying, or dipping on a clean surface.
- Dry naturally or apply a low heat source to the coated surface or apply the coating on a warm surface with temperatures between 100°F to 300°F.

| APPLICATION ADVANTAGES                       | PACKAGING       |
|----------------------------------------------|-----------------|
| Excellent suspension                         | 1-Gallon Pails  |
| Film very hard when it is dried              | 5-Gallon Pails  |
| Applies like house paint                     | 55-Gallon Drums |
| Properties like Teflon to Molten Metal       |                 |
| Very safe water-based coatings with no VOC's |                 |

## USES:

All foundry ladles, troughs, and all metal contact parts for non-ferrous metals (aluminum, magnesium, and zinc) or all irons. **GLOOK BN-80** applies only for the non-ferrous metals.

\*Forging \*Extrusion

**GLOOK BN-80** should be mixed with a pneumatic or an electric mixer. Material must be mixed thoroughly in its container before diluting.

**Caution:** This coating should always be protected from freezing. Severe freezing could cause the coating to settle out.