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Levikote ZBN

Oil-Based, Lubricating Release Coating

Levikote ZBN is an oil-based, self-leveling coating that does not skitter as applied onto hot substrates - just levels out to a uniform, lubricating release coating. Usable to 1000 C, Levikote ZBN is useful for reactive alloys/fluxes. Does not dry at room temperature, but provides an adherent/dry/protecting coating circa 200 C (392 F). Resistant/nonsticking/nonwetting with molten nonferrous metals. Whenever a release-coating is desired not to be water-based/solvent-based, the oil-based Levikote ZBN is a good choice.



Specifications

Active Ingredients

Zirconium Dioxide, Boron Nitride

Max Use Temperature, All Atmospheres

1000 C (1832 F)

Liquid Carrier

Water Miscible Oil

Brookfield Viscosity (cps)

700-900 @ 3/60

Specific Gravity

1.06

Color

Gray

Shelf Life (months)

>12

Coverage (ft²/8 oz.)

100-400

H F R Ratings

1-1-0

Substrate Use

All

Other: Can be heat cured at 200 C, 1-2 hours, to dry-film-lubricant.

Sizes and colors

Levikote ZBN is a gray colored paint.

Standard Size: 1 Gallon pail

Safety Information

- Consult SDS before use.
- If heated, avoid breathing of vapors.
- For Industrial Use only.

Key Attributes

- Water-Miscible, Oil-Based Lubricant
- Nonwetting/Nonsticking with Reactive Molten Nonferrous Metals/Fluxes to 1000 C (1832 F)
- Contains Chemically-Inert Zirconium Oxide and Boron Nitride
- Easy to Apply

Ideal Use

- Transport/handling components used with reactive molten metal/fluxes
- Lubricating for belts, conveyers, chains, rollers, hinges/bolts/screws
- Sealing heater-cartridges

Use Notes

1. Resuspend if needed
2. Clean surfaces to be painted of any oils, dirt, scale, etc.
3. Apply with brush or air-spray at room temperature or to surfaces <=200 C (392F). If ambient temperature applied, heat in dryer to 200 C for 8-10 hrs. to dry.
4. Cleanup with water.

CAUTION: DO NOT CONTACT WET COATINGS WITH MOLTEN METAL.

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