POT & LADLE COATING

Features & Benefits:

- Have high refractory properties, low heat & electrical conductivity.
- Not easily wetted by molten metals.
- Will eliminate iron pickup.
- Adds to working life of objects coated.
- Facilities removal of metal sculls & spills.

PACKAGING:
Drums
Pails

PRODUCT DESCRIPTION:

When applied as a coating to ladles, runners, metalworking tools, pyrometer tubes, etc. **POT & LADLE COATING** acts as a non-wetting insulating coating allowing liquid metal to roll off. This prevents tool attack by liquid metal and extends the life of the coated articles. It works well with zinc, lead, aluminum, copper-base alloys and is designed for use on ferrous and non-ferrous parts.

PREPARATION:

1. Mix powder into water, preferably warm, to form a heavy slurry. Let set for a least one-hour, preferably eight hours or overnight, then dilute with extra water to form a creamy slurry. The proportion is approximately one gallon of water to 3 lbs. of **POT & LADLE COATING** Powder.
2. For a coating with a tougher bond, mix to the following composition: One-gallon boiling water, 3 lbs. **POT & LADLE COATING**, and 8 oz. Sodium Silicate. Mix to a creamy consistency and use.

APPLICATION:

Clean metal article to be coated of scale or loose oxide buildup, preferably by sand blasting, and heat to 150°-250° F.

Dip, brush, or spray object with the mixture of **POT & LADLE COATING**. Allow to dry completely. A thin coating on metal objects will hold better. Too heavy a coating will tend to spill off metal surfaces.

CAUTION:

Fully preheat ladles and tools just prior to use and insert into molten metal slowly and carefully to prevent metal splashing.

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