



# Plibrico Company, LLC

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# Technical Data Sheet Plibrico PliKote HMC

Product # 61507

Available Internationally As: Plibrico PliKote HMC

## Product Description:

A dry, synthetic Bone Ash (Wollastonite) which exhibits improved properties over Bone Ash (Calcium Phosphate). Plibrico PliKote HMC is designed as a release agent to prevent molten metal adhesion.

## Service Use:

Plibrico PliKote HMC is designed for use as a temporary release agent. Applications include, patching cracks in casting and transfer troughs, Dross Pans.

<b>Standard Packaging:</b>	2000 lbs. SuperSacks
<b>Weight (shipped):</b>	2000 lbs.
<b>Shelf Life:</b>	N/A - processed mineral
<b>Service Limit:</b>	2400 °F      1316 °C

## Physical Characteristics and Properties

<b>Appearance</b>	Dry, white powder
<b>Freeze Point</b>	N/A
<b>pH</b>	N/A - alkaline by nature, it is considered non-hazardous
<b>Adhesion Prevention</b>	Excellent

Other Data:

## Application:

Plibrico PliKote HMC is applied by dusting or clotting onto the Sow/Ingot Molds. PliKote HMC is also used as filler to surface cracks caused by Thermal Fatigue inside Sow/Ingot Molds.

There are no binders, can be used immediately after application.

**CAUTION:** Never put parts with wet coating into molten metal.

PliKote HMC is a naturally occurring mineral, is nonhazardous, and is not regulated by shipping agencies. Based upon toxicological studies, there is no evidence of any significant health risks to workers. Please refer to the SDS for additional information.

Release Date: 01 Feb 2022

**Note:** All data are averaged results of ASTM tests (where applicable) on laboratory specimens. Reasonable variations in data can be expected. Data is not to be used for specification purposes. Product data is periodically updated to reflect product, raw material, process and/or testing changes. The information contained in this bulletin is to the best of our knowledge, true and accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained from its use, or that any such use will not infringe any patent. Product should be used as per recommendations and should not be modified. Please consult your Plibrico representative to make sure you have the most current data.