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Technical Data Sheet Plibrico PliKote TD

Product # 61503

Available Internationally As: Plibrico PliKote TD

Product Description:

A unique water-based coating featuring a blend of ceramic compounds including titanium dioxide. This product was developed for areas that are subject to extreme heat and the abrasive effects of molten aluminum. Plibrico PliKote TD is designed to prevent molten metal adhesion to refractory surfaces.

Service Use:

Plibrico PliKote TD is designed for application on pre-fired refractory surfaces. Applications include precast shapes for molten aluminum contact applications such as troughs or big block shapes. It can also be applied to ceramic ladles, cast iron ladles and T/C protection tubes, along with refractory surfaces such as furnace linings that have been pre-fired.

Standard Packaging: 1 or 5 gallon / 3.79 or 18.93 L Pail

Weight (shipped): 9 lbs. per gallon

Shelf Life: 6 months

Service Limit: 2600 °F 1427 °C

Physical Characteristics and Properties

Appearance	Blue
Freeze Point	32°F (<i>Thaw prior to use if frozen</i>)
pH	11.0 +/-1.0
Adhesion Prevention	Excellent

Other Data: Plibrico PliKote TD will dry hard and provide for a smooth finish.

Application:

Stir thoroughly prior to use. Plibrico PliKote TD is designed to be used directly as is, **DO NOT DILUTE**.

Surfaces to be coated should be clean of all previous coatings, rust, and grease. Brushing is the preferred method of application. If more than one coat is necessary, please allow previous coating to dry before reapplying.

If force drying, use only warm air, do not cause direct flame impingement on the part.

PliKote is for use on refractory and ceramic surfaces only.

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

Release Date: 01 Aug 2018

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.