

Waterbased Coating – Freeze Guidelines

<p>Freeze Potential</p>	<ul style="list-style-type: none"> - Waterbased coating products manufactured by INXCAC, like any other waterbased material, are capable of freezing when subjected to ambient conditions <32F for extended periods. - While we take care to try and ensure that our materials are not exposed to freezing conditions during shipment, extended exposure during transport, docking or storage can result in the coating product becoming frozen. - It is important during seasonal periods of freezing weather conditions that any coating delivery is inspected prior to acceptance to ensure that the coating product is in good/usable condition.
<p>Steps for Receiving/Storing During Winter Months</p>	<ol style="list-style-type: none"> 1) CHECK the condition of the Freeze Indicator located on the shipment – see below for more information. 2) CHECK the coating temperature before accepting the shipment – open the lid or bung on the drum/pail/tote and measure with a pyrometer or stem thermometer. 3) RECORD the coating temperature on the Bill of Lading. 4) REFUSE any material that is at or below 35F. 5) Refuse any coating material that has a ‘chunky’ or cottage cheese appearance throughout the container – this material may have been frozen: <ul style="list-style-type: none"> • Notify INXCAC immediately to report a frozen coating shipment: 800-462-4295 6) Always store coating containers in a heated area of the facility, preferably >60F – minimum temperature of the coating storage area should be 45-50F, avoid storing against exterior walls. <p>Printable ‘sign’ version is located on the following page to print/post in receiving area.</p>
<p>Freeze Indicator – Function</p>	<ul style="list-style-type: none"> - Freeze Indicators are employed to monitor products that are at risk of being damaged when exposed to freezing temperatures during shipment and/or storage. - Freezing temperature indicator consists of a dark indication liquid inside a specially designed vile – if the Freeze Indicator is exposed to freezing temperatures, the vile will fracture allowing the indication liquid to stain the paper backing of the indicator. - The Freeze Indicators will activate when exposed to freezing temperatures, however, this is an indication that the coating should be inspected prior to accepting delivery – activated indicator is not an absolute determination of frozen coating. - When the indicator is activated, remove the lid and stir the coating examining for any ‘chunks’ or ‘cottage cheese’ appearing material. - If no irregularities are detected and the coating is uniform in consistency, the coating was not frozen and is good for use – allow coating to acclimate to ambient pressroom conditions prior to use.
<p>Freeze Indicator – Location</p>	<ul style="list-style-type: none"> - At least one Freeze Indicator is placed on the exterior wall of one coating container, facing the center of the shipping pallet – this is intended to ensure that the indicator will not become damaged or removed during shipment. - The placement, facing inward, is also necessary to ensure that the indicator will not activate causing a ‘false positive’ result – an example would be a short-term cold-air exposure such as when a delivery-truck trailer door is opened.



RECEIVING & STORING WATERBASED COATINGS IN THE WINTER

- 1.) CHECK FREEZE INDICATOR LOCATED ON THE SHIPMENT
- 2.) CHECK THE TEMPERATURE BEFORE ACCEPTING THE SHIPMENT. DO THIS BY OPENING THE LID/BUNG ON THE CONTAINER & MEASURING WITH A PYROMETER OR THERMOMETER..
- 3.) RECORD THE TEMPERATURE ON THE BILL OF LADING.
- 4.) REFUSE ANY MATERIAL THAT IS AT OR BELOW 35°F.
- 5.) REFUSE ANY MATERIAL THAT HAS A CHUNKY OR COTTAGE CHEESE APPEARANCE THROUGHOUT THE DRUM. THIS MATERIAL MAY HAVE BEEN FROZEN. NOTIFY INXCAC IMMEDIATELY AT 1-800-462-4295 TO REPORT THE FROZEN SHIPMENT.
- 6.) STORE THE DRUMS IN A HEATED AREA AT ALL TIMES. THIS SHOULD BE 60°F OR HIGHER. A MINIMUM TEMPERATURE WOULD BE 45°F TO 50°F.

INX COATINGS &
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