INSTRUCTIONS FOR FREEZE WATCH INDICATORS

The carrier has been instructed to protect this shipment from freezing. The paperwork they signed also has this notation. As a check that these instructions were followed, a FREEZE WATCH INDICATOR has been attached inside the PACKING LIST envelope under the packing list for this shipment. ONLY ONE FREEZE WATCH INDICATOR PER SHIPMENT.

PLEASE LOCATE THIS “FREEZE WATCH INDICATOR” UNDER THE PACKING LIST IMMEDIATELY UPON RECEIPT OF THIS SHIPMENT.

INSTRUCTIONS FOR READING THE INDICATOR

1. If the indicator paper is stained with color, your shipment may have been exposed to freezing. (Note: Before reading, the indicator should be in an area above freezing for at least 15 minutes. If you are unable to comply with this step, make a notation on the carrier’s paperwork indicating you are accepting the shipment subject to further inspection for freezing and notify your local National Casein office.)

2. If the indicator paper shows no color, remove the indicator from the packing list envelope. Vigorously tap the bottom edge of the indicator three times on a hard surface. If the paper becomes stained after tapping, your product may have been exposed to freezing. If the indicator remains unchanged, your product was not exposed to freezing temperatures.

3. If the indicator shows the product was frozen in transit, is missing or the packing list envelope indicates the indicator may have been tampered with, make a notation on the carrier’s paperwork and refuse to accept the shipment. If the carrier refuses to allow you to add a notation to his paperwork, refuse the shipment and immediately contact your local National Casein office for further instructions.
RECEIVING WATERBASED ADHESIVES DURING COLD WEATHER

In addition to the Freeze Watch Indicator included on each shipment, we recommend the following low cost instrument:

NONCONTACT INFRARED THERMOMETER

These instruments are available at low cost ($25.00—$100.00) at many sources (ie. hardware stores, on-line, etc.).

When checking the temperature of the container, the Receiver can quickly determine the container temperature. If the temperature reading is below 40º F, this indicates there may be a problem of possible freezing of the adhesive.

If there is any reason to think the shipment was frozen, remove the container lid to check for a solid layer on the bottom of the container, coagulation on the surface of the adhesive resembling cottage cheese, hard or frozen product, or ice crystal formed.

If any of the above mentioned conditions are observed, report the issue to your supplier prior to signing off on the bill of lading or at least note on the bill of lading conditions observed. Once you sign the bill of lading without note of condition, it becomes your responsibility and relieves the shipping company from further action.