

# NOTICE: IMPORTANT REVISION TO D.O.T. DOCUMENTATION FOR ZACROS AMERICA CUBITAINER® COMBINATION PACKAGING

Please review the attached information carefully. This information is your official notification of the closure requirements for Zacros America CUBITAINER® combination packaging with UN/DOT marks applied in accordance with the Code of Federal Regulations Title 49, section 178.2 (c). The attached closure instructions cover every shipment of CUBITAINER® combination packagings until further notice is sent to you by Zacros America. In accordance with the new requirements effective October 1, 2010, shippers are required to retain a copy of this instruction in accordance with CFR Title 49, Section 173.22 (a) (4). After you have read the attached document, ***please sign the statement below and e mail to [cdefelice@zacrosamerica.com](mailto:cdefelice@zacrosamerica.com)*** or mail to Zacros America, 220 Lake Drive, Newark, DE 19702.

If you have any questions, please feel free to call 302-391-2255.

I have received and read the attached DOT documentation.

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SIGNATURE

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NAME - PRINTED

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COMPANY NAME

Spec #'s: CUA1677, CUA5908, CUA9777

# **DOT CLOSURE INSTRUCTIONS ZACROS AMERICA 2 1/2 GALLON CUBITAINER® COMBINATION PACKAGING- CUA1677**

The preassembled molded polyethylene CUBITAINER® insert, screwcap, dustcover and corresponding carton supplied by Zacros America, constitute a combination package for use in the transportation and storage of LIQUID products, including hazardous chemicals. It is the shipper's responsibility to determine if their product is allowed for shipment in the CUBITAINER® combination packaging as well as determine if the product is compatible with polyethylene.

CUBITAINER® combination packaging is tested for compliance with the requirements of 49 CFR para. 178.600 and the assembled packaging carries the following mark:



4G/Y16/S/YR\*  
USA/M6270

\*year of manufacture

## **Closure Requirements**

The assembled container must be closed for shipment as described below. Use of non-specified components will lead to non conformance with DOT marks. If you are not the final assembler of the CUBITAINER® combination packaging, you are required to transfer this information to the party who will complete assembly of this package in accordance with 49 CFR para. 178.2.

<b>Screwcap Closure Type and Dimensions</b>	<b>Source and Type</b>	<b>Torque Application Recommendation</b>
38-400mm copolymer polypropylene screwcap w/polyethylene foam liner	Zacros America Part Number <b>COM6958</b> supplied by Berry Plastics	20 +/- 2 in-lbs
38-400mm copolymer polypropylene screwcap with induction seal liner Unipac 75SG	Zacros America Part Number <b>COM0780</b> supplied by Berry Plastics	25 in-lbs then induction seal

Remove closure and extend neck of CUBITAINER® for filling and application of threaded closure. CUBITAINER® neck ring must be secured against rotation while cap torque is applied. This is done either by the filling/capping equipment, manual U-jig (See diagrams below), or other suitable means to secure the neck ring during closure torque.

Diagram 1: Insert U-jig



Diagram 2: Torque cap



Thread closure on to neck ring and apply the required torque as shown in the table above in a steady continuous application to seal closure. Push the neck back down into the CUBITAINER® into its retracted shipping position. Insert the dust cover (Part number: COM0943) into the hole in the box (dust cover lip sits outside box with dust cover recessed into the box opening). Secure the dust cover with a single strip of tape (3M #375, 48mm minimum width) over the dust cover, wrapping the box edges, and extending a minimum of 2" onto the sides of the box.

<b>CAUTION</b> The assembled combination package is not authorized for air transport of hazardous materials.
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Note 1: Zacros America will only be able to provide the torque head.

Applicable Specifications: CUA1677, CUA5908, CUA9777

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Reference: Lab Report #0301