

CONTICO CONTAINER Customer Work Instructions

- 4.2 These closing instructions are based upon the closure methods used to enable these containers to pass the United Nations test requirements as indicated by the UN marking on the drums.
- 4.3 These closing instructions do not take into account any hazards present in your facility, or the handling, filling, or shipping of your product.
- 4.3.1 The use of sparkless tools and proper safety equipment is recommended.
- 4.3.2 Please take necessary special safety precautions.
- 4.4 Any containers used for packing of hazardous materials should be inspected prior to filling and shipment. Containers with obvious damage or deterioration should not be filled or shipped.

5.0 Nonconformances

- 5.1 Any major nonconformance to this procedure may invalidate the U.N. rating of the 5-gallon U.N. rated cover and 5-gallon U.N. rated pail.
- 5.2 Any problem with either this procedure or with the installation of the U.N. rated cover onto the U.N. rated pail should be immediately reported to the QA Manager at Contico Container.

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**Procedure for Installing the 5-Gallon U.N. Rated Covers
onto the 5-Gallon U.N. Rated Pails**

1.0 Purpose

- 1.1 The purpose is to provide detailed instructions for installing the 5-gallon U.N. rated cover onto the 5-gallon U.N. rated pail.
- 1.2 Pursuant to the requirements of the United Nations [and the Department of Transportation in CFR 49 Part 178.2 (c)(1)], this is your notification of the closing method used for the containers sold to you on the attached delivery ticket or bill of lading.
- 1.3 This method of closure should be used to ensure that your containers have been closed in the same manner as when they were initially tested. If there is any question regarding proper closing methods, please contact the QA Manager at Contico Container.

2.0 Scope

- 2.1 This procedure applies specifically to the installation of the 5-gallon U.N. rated cover onto the 5-gallon U.N. rated pail.

3.0 Procedure

- 3.1 Prior to installing a U.N. cover onto a U.N. pail check to make sure that:
- 3.1.1 both the cover and pail have the appropriate U.N. marking on the part and
- 3.1.2 the pail is not overfilled with liquid (i.e. there should be adequate "air space" between the cover and liquid).
- 3.2 Place the U.N. pail on a level surface and align the U.N. cover on top of the pail.
- 3.3 Use a heavy-duty rubber mallet (with a minimum weight of a 3-lbs.) to hit the U.N. cover onto the U.N. pail.
- 3.3.1 The first step is very critical to the installation process and must be followed exactly for the installation process to be successful.
- 3.3.2 Hit the cover at the 12 o'clock position until the cover snaps onto the pail at the 12 o'clock position.

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- (a) If the cover snaps onto the pail correctly at the 12 o'clock position, the angle between the cover and the pail should be between 30 and 45 degrees.
- (b) Do not proceed further until the cover snaps onto the pail at the 12 o'clock position.

3.3.3 **Continue striking the cover** with the mallet at each position indicated below until the cover is completely secured to the pail. Do not proceed from one position to another until the cover has snapped on at that position.

- (a) Hit the cover at the 1 o'clock position.
- (b) Hit the cover at the 2 o'clock position.
- (c) Hit the cover at the 3 o'clock position.
- (d) Hit the cover at the 4 o'clock position.
- (e) Hit the cover at the 5 o'clock position.
- (f) Hit the cover at the 6 o'clock position.
- (g) Hit the cover at the 7 o'clock position.
- (h) Hit the cover at the 8 o'clock position.
- (i) Hit the cover at the 9 o'clock position.
- (j) Hit the cover at the 10 o'clock position.
- (k) Hit the cover at the 11 o'clock position.
- (l) Repeat steps 3.3.3 (a) through 3.3.3 (k) above, if necessary, to secure the cover onto the pail.

3.3.4 **Check to make sure** that the cover is completely secured to the pail.

- (a) There should be no obvious gaps between the cover and the pail.
- (b) The gasket must not be visible from underneath the rim of the cover.
- (c) There should be no obvious leakage.

4.0 Disclaimers

4.1 Tests were conducted on the pails and covers using a mixture of alcohol and water.

4.1.1 **Your product may adversely affect** container materials, gaskets, or closing devices.

4.1.2 **Product compatibility** with the container is the shipper's responsibility.

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