

**NOTIFICATION: CFR TITLE 49 PART 178.2 ( c )**

**1H2 Open Head 500 Series Pail and  
500 Series Cover with 70MM Vented Screw Cap**

**PRE-CERTIFIED UN 1H2 PACKAGING**

**20 Liter UN 1H2 Open Head Pail Mold#26 & Cover  
Mold#60 Vented 70mm threaded Norton Closure**

**Quantity      Description**

- (1)            Primary Closure:   MF-SC70VL 70mm Vented Threaded Closure.**
  
- (1)            20 Liter UN 1H2 Series 500 Cover Mold # 60  
White,EPDM, Tubular O-Ring Gasket, 0.265" O.D. X 0.05" Wall x 35.50" Length.**
  
- (1)            20 Liter UN 1H2 Series 500 Open Head Pail Mold # 26**

**Packaging Suitability**

- 1. Packaging has been certified for Packaging Group II and III liquids with specific gravities not exceeding 1.4**
  
- 2. The internal pressure test required for air shipment has been conducted. Test Level = 30 kPa (4.35 psi; refer to 173.24a(b)(4)).**

**It is the shipper's responsibility to ensure that:**

- 1. The packaging is authorized for the intended hazardous material.**
  
- 2. The packaging is compatible with its lading, and**
  
- 3. The packaging meets all general shipper requirements of 173.24 and 173.24 (a).**

PRE-CERTIFIED UN 1H2 PACKAGING

20 Liter UN 1H2 Open Head Pail Mold#26 & Cover  
Mold#60 Vented 70mm threaded Norton Closure

**Packaging Assembly:**

1. If not already assembled, primary closure must be applied to the API UN series 500 Cover using an application torque of 120 in-lbs (10 ft-lbs), using a torque wrench with force indicator.
2. Once filled, the series 500 cover must be applied to the series 500 pail by the following closure method:

**A. Pneumatic Press**

1. Adjust the stroke of the closing platen to ¼” past the top of the pail (without cover). (fig. 1)
2. Center the pail and cover underneath the closing platen. (fig. 2)
3. Activate the pneumatic closer so that it snaps the cover onto the pail curl. (fig. 3)



Figure 1



Figure 2



Figure 3

**b. Manual (Rubber Mallet)**

Using a 24oz rubber mallet strike the cover flat in the center of the outer ring until it snaps the cover onto the pail. Follow this process of striking the cover with a flat (24oz) mallet as shown on the attached figure (5) until the cover is evenly seated on the pail.



Figure 4



Figure 5

**PRE-CERTIFIED UN 1H2 PACKAGING**

**20 Liter UN 1H2 Open Head Pail Mold#26 & Cover  
Mold#60 With Flexspout Opening**

When properly applied with either method A or B. The undercut of the API UN series 707 or 500 cover is fully engaged with the rim/curl of the pail in a manner which precludes the contents to leak from the package.

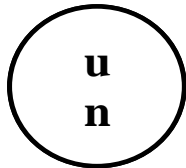


**Figure 6**

- When properly closed, the API UN Series 500 Cover is evenly seated all around the API UN Series 500 pail and measures approximately 1 1/16" from the bottom of the UN Series 500 Cover to the top satellite ring (Fig 6).

**Note:** Failure to follow the packaging assembly instruction listed above may render the UN certification invalid

**Explanation of UN Marking**



**1H2 / Y1.4 / 30 / \*\*  
USA / +CC5614**

<u>Marking</u>	<u>Explanation</u>
1H2	Packaging Identification Code 1H2 Drum, Plastic, Open Head
Y	Packaging has been certified at Packaging group II, Test Levels (Y) which covers Packing Group II & III liquid hazardous materials
1.4	Maximum product Specific Gravity
30	Denotes Internal Test Pressure of 30 kPa (refer to 173.24a(b)(4))
**	Insert 2 digit year the packaging was manufactured ("10" = 2010)
USA	Country authorizing allocation of the marking
+CC5614	Packaging tested and certified by a DOT Third Party Certification Agency