

U.N. NOTIFICATION MANUAL
UN PACKAGING NOTIFICATION AND ACKNOWLEDGEMENT

API KIRK CONTAINERS
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This UN Packaging Notification Manual is provided to our customers and distributors in order to meet the Code of Federal Regulations (CFR) hazardous material packaging notification requirements. Packaging manufacturers are required by the CFR Title 49-TRANSPORTATION, Parts 100 to 177 and 178 to 199, to notify their customers and distributors in writing of any requirement not met at the time of transfer, or steps that the user must take (such as the procedure for closing a packaging after filling) and the type and dimensions of any closure, including gaskets, needed to satisfy performance test requirements.

Title 49 CFR Section 178.2:

- (c) Notification ... the manufacturer or other person certifying compliance with the requirements of this part, and each subsequent distributor of that packaging shall -
 - (1) Notify in writing each person to whom that packaging is transferred -
 - (i) Of all requirements in this part not met at the time of transfer, and
 - (ii) Of the type and dimensions of any closure, including gaskets, needed to satisfy performance test requirements.
 - (2) Retain copies of each written notification for at least one year from the date of issuance; and
 - (3) Make copies of all written notifications available for inspection by a representative of the Department.

Customer / Distributor Acknowledgement:			
Company			
Mailing Address	City	State	Zip Code
Printed Name	Title	Department	
Signature		Date	

By signing and dating this document, I:

- (1) - Acknowledge receipt of the API Kirk Containers UN Notification Manual,
- (2) - Understand that this manual has been provided for informational purposes only and that the appropriate parts under CFR Title 49-Transportation, must be followed for hazardous material packaging compliance, and
- (3) - Understand that copies of this written notification must be retained for at least one year from the date of issue.

Please return a copy of this acknowledgement page to API Kirk Containers.

API Kirk Containers will retain a copy of this notification for at least 1 year after issuance.

API Issue Date	Issued By:
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NOTIFICATION: CFR TITLE 49 PART 178.2 (c)

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17	Variation 5 Abridgment - Code of Federal Regulations (CFR 49) General Requirements & V5

Type/Material/Category Explanation for API Packaging			
Type	Material		Category
1	Drums	G Fiberboard	Plastic Drums & Jerricans
3	Jerricans	H Plastic	1 Closed Head
4	Boxes		2 Open Head

Performance Standard Designations		
Packaging Group	Degree of Danger	
I	Great	(High Hazard Level)
II	Medium	(Medium Hazard Level)
III	Minor	(Low Hazard Level)
Packaging Group for which successfully tested		
Letter	Testing Groups	
X	Meets Packaging Groups I, II and III	
Y	Meets Packaging Groups II and III	
Z	Meets Packaging Group III Only	

Note:

It is the responsibility of the person offering a hazardous material for transportation to ensure that such packaging is compatible with its lading and complies with test requirements under CFR Title 49-Transportation.

NOTIFICATION: CFR TITLE 49 PART 178.2 (c)

4G Twin Pack in Fiberboard Box

PRE-CERTIFIED UN 4G PACKAGING

COMPONENT CHECK LIST:

Quantity	Description
(2)	Closure: 63mm Polypropylene Copolymer Liner: Option (1): F217 PE Foam (502) Option (2): 1 MIL Pulp/Foil Induction Seal (565)
(2)	Bottle: 2.5 Gallon F-Style High Density Polyethylene, White Finish: 63mm Neck
(1)	Outer Shipper: 51 ECT Double-Wall #3 Mottled White Corrugated Fiberboard, B/C-Flute Manufacture's Joint: Inside Glued Outside Dimensions: 14" L x 8-7/8" W x 14-9/16" D Case Sealing: (1) Top: Strip of 3M # 375 Pressure Sensitive Tape, 2" Minimum Overlap (2) Bottom: Strip of 3M # 375 Pressure Sensitive Tape, 2" Minimum Overlap

Note: Substitution of any of the components listed above
may render the UN certification invalid

Packaging Suitability

1. Packaging has been certified for Packaging Group II and III liquids with specific gravities not exceeding 1.7.
2. The internal pressure test required for air shipment has been conducted on the inner packaging. Test Level = 95 kPa (13.8)

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).

NOTIFICATION: CFR TITLE 49 PART 178.2 (c)	4G Twin Pack in Fiberboard Box
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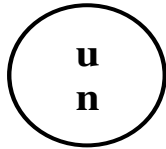
PRE-CERTIFIED UN 4G PACKAGING

Packaging Assembly:

1. Once filled, the closure must be applied to the bottle using an application torque of 50 in-lbs (4.2 ft-lbs) using a torque wrench with a force indicator.
2. The bottom of the reshipper is sealed with a strip of 3M # 375 Pressure Sensitive Tape with a 2" minimum overlap.
3. The Inner Packages (bottles) are then seated side-by-side into the taped bottom reshipper.
4. The top flaps of the reshipper are folded down and sealed with a strip of 3M # 375 Pressure Sensitive Tape with a 2" minimum overlap.

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

Explanation of UN Marking



4G / Y35.5 / S / **
USA / +AA4067

<u>Marking</u>	<u>Explanation</u>
4G	Packaging Identification Code 4G Box, Fiberboard
Y	Packaging has been certified at Packaging group II, Test Levels (Y) which covers Packing Group II & III liquid hazardous materials
35.5	Authorized package gross mass in Kg
S	Denotes Inner packagings
**	Insert 2 digit year the packaging was manufactured ("05" = 2005)
USA	Country authorizing allocation of the marking
+AA4067	Packaging tested and certified by a DOT Third Party Certification Agency

NOTIFICATION: CFR TITLE 49 PART 178.2 (c)	4G Quad Pack in Fiberboard Box
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PRE-CERTIFIED UN 4G PACKAGING

COMPONENT CHECK LIST:

Quantity	Description
(4)	Closure: 63mm Copolymer Liner: Option (1): F217 PE Foam (502) Option (2): 1 MIL Pulp/Foil Induction Seal (565)
(4)	Bottle: 1 Gallon d-Style High Density Polyethylene, White, With Pinch Handle. Finish: 63mm Neck
(1)	Outer Shipper: 48 ECT Double-Wall Mottled White Corrugated Fiberboard, B/C Flute Manufacture's Joint: Inside Glued, 1 - 1/4" Lap Shipper O.D. Dimensions: 15 - 5/8" x 10 - 5/8" x 12-1/2"
(1)	Interior Components: Single Wall Natural Kraft Corrugated Fiberboard, C-flute Case Sealing: (1) Top: Strip of 3M # 375 Pressure Sensitive Tape, 2" Minimum Overlap (2) Bottom : Strip of 3M # 375 Pressure Sensitive Tape, 2" Minimum Overlap

Note: Substitution of any of the components listed above
 may render the UN certification invalid

Packaging Suitability

1. Packaging has been certified for Packaging Group II with specific gravities not exceeding 1.8
2. The internal pressure test required for air shipment has been conducted on the inner packaging. Test Level = 95 kPa (13.8)

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).

NOTIFICATION: CFR TITLE 49 PART 178.2 (c)	4G Quad Pack in Fiberboard Box
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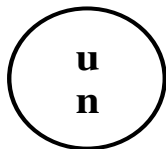
PRE-CERTIFIED UN 4G PACKAGING

Packaging Assembly:

1. Once filled, the Inner Packaging closure must be applied to the bottle using an application torque of 50 in-lbs (4.2 ft-lbs) using a torque wrench with a force indicator.
2. The bottom of the reshipper is sealed with a strip of 3M # 375 Pressure Sensitive Tape with a 2" minimum overlap.
3. The Inner Packages (bottles) are then seated side-by-side with neck up into the taped bottom reshipper.
4. Fold the arms to the Z-Divider along Scores and insert into RSC with Arms adjacent and parallel to the side walls of RSC Opposite of inside glue ship.
5. The top flaps of the reshipper are folded down and sealed with a strip of 3M # 375 Pressure Sensitive Tape with a 2" minimum overlap.

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

Explanation of UN Marking



4G / Y34.4 / S / **
USA / +AA4458

<u>Marking</u>	<u>Explanation</u>
4G	Packaging Identification Code 4G Box, Fiberboard
Y	Packaging has been certified at Packaging group II, Test Levels (Y) which covers Packing Group II & III liquid hazardous materials
34.4	Authorized package gross mass in Kg
S	Denotes Inner packaging
**	Insert 2 digit year the packaging was manufactured ("05" = 2005)
USA	Country authorizing allocation of the marking
+AA4458	Packaging tested and certified by a DOT Third Party Certification Agency

NOTIFICATION: CFR TITLE 49 PART 178.2 (c)	3H1 Jerrican, 18 mm Secondary Vent Closure
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PRE-CERTIFIED UN 3H1 PACKAGING

5 or 6 Gallon Plastic Jerrican with Tamper Evident Neck Finish & 18mm Vent.

COMPONENT CHECK LIST:

Quantity	Description
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- | | | |
|-------------------------------------|-----|---|
| <input checked="" type="checkbox"/> | (1) | Primary Closure: SC-76R-TE-3/4 and SC70EPDMTE-3/4 High Density Polyethylene
70mm Tamper Evident Buttress Threaded Closure
Gasket: Black EPDM 63mm O.D. X 50mm I.D. X 4mm Thick
Finish Style: 70mm Buttress |
| <input checked="" type="checkbox"/> | (1) | Vent Access Closure:
Air Vent Threads: 18mm
Closure: Cap, PolySeal, C18/400 FRST Polypropylene, Natural
Liner: Polyethylene Foam, glued in |
| <input checked="" type="checkbox"/> | (1) | Jerrican: 5 or 6 Gallon Tight Head Plastic Jerrican , High Density Polyethylene
Finish Style: 70mm Buttress
Minimum Wall Thickness: 1.1mm |

Note: Substitution of any of the components listed above may render the UN certification invalid

Packaging Suitability

1. Packaging has been certified for Packaging Group II and III liquids with specific gravities not exceeding 1.8
2. The internal pressure test required for air shipment has been conducted
Test Level = 100 kPa (14.5 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).

NOTIFICATION: CFR TITLE 49 PART 178.2 (c)	3H1 Jerrican, 18 mm Secondary Vent Closure
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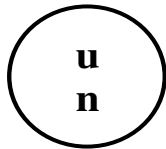
PRE-CERTIFIED UN 3H1 PACKAGING **5 or 6 Gallon Plastic Jerrican with Tamper Evident Neck Finish & 18mm Vent.**

Packaging Assembly:

1. Once filled, the primary closure must be applied to the bottle using an application torque of 150 in-lbs (12.5 ft-lbs) using a torque wrench with force indicator.
2. Once filled, the packager must ensure that the vent access closure is hand tightened on the jerrican to preclude loss in shipment.

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

Explanation of UN Marking



3H1 / Y1.8 / 100 / **
USA / +AA2647

<u>Marking</u>	<u>Explanation</u>
3H1	Packaging Identification Code 3H1, Jerrican, Plastic, Closed Head
Y	Packaging has been certified at Packaging group II, Test Levels (Y) which covers Packing Group II & III liquid hazardous materials
1.8	Maximum product Specific Gravity
100	Denotes Internal Test Pressure of 100 kPa (refer to 173.24a(b)(4))
**	Insert 2 digit year the packaging was manufactured ("05" = 2005)
USA	Country authorizing allocation of the marking
+AA2647	Packaging tested and certified by a DOT Third Party Certification Agency

NOTIFICATION: CFR TITLE 49 PART 178.2 (c)	3H1 Jerrican, Self-Venting Primary Closure
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PRE-CERTIFIED UN 3H1 PACKAGING

**5 or 6 Gallon Plastic Jerrican with Tamper Evident
FS10-8V-300 Self-Venting Primary Closure**

COMPONENT CHECK LIST:

Quantity	Description
(1)	Primary Closure: Rieke Flexspout Closure: FS10-8V-300 Anti-Glug Self-Venting W/ Tearaway Tamper Evident Seal
(1)	Jerrican: 5 or 6 Gallon Tight Head Plastic Jerrican , High Density Polyethylene Minimum Wall Thickness: 1.1mm

**Note: Substitution of any of the components listed above
may render the UN certification invalid**

Packaging Suitability

- 1. Packaging has been certified for Packaging Group II and III liquids with specific gravities not exceeding 1.8.**
- 2. The internal pressure test required for air shipment has been conducted. Test Level = 100 kPa (14.5 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).**

NOTIFICATION: CFR TITLE 49 PART 178.2 (c)	3H1 Jerrican, Self-Venting Primary Closure
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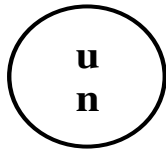
PRE-CERTIFIED UN 3H1 PACKAGING **5 or 6 Gallon Plastic Jerrican with Tamper Evident FS10-8V-300 Self-Venting Primary Closure**

Packaging Assembly:

1. Once filled, the primary closure must be applied to the bottle using a Rieke® FS 600 #01447 Crimping Tool.

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

Explanation of UN Marking



**3H1 / Y1.8 / 100 / **
USA / +AA2647**

<u>Marking</u>	<u>Explanation</u>
3H1	Packaging Identification Code 3H1, Jerrican, Plastic, Closed Head
Y	Packaging has been certified at Packaging group II, Test Levels (Y) which covers Packing Group II & III liquid hazardous materials
1.8	Maximum product Specific Gravity
100	Denotes Internal Test Pressure of 100 kPa (refer to 173.24a(b)(4))
**	Insert 2 digit year the packaging was manufactured ("05" = 2005)
USA	Country authorizing allocation of the marking
+AA2647	Packaging tested and certified by a DOT Third Party Certification Agency

NOTIFICATION: CFR TITLE 49 PART 178.2 (c)	1H2 Open Head 707 Series Pail and Cover
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PRE-CERTIFIED UN 3H1 PACKAGING 20 Liter UN 1H2 Open Head Pail with Rieke Flexspout Closure

Quantity	Description
(1)	Primary Closure: Rieke Flexspout Closure: Option (1): FS10-8V-300 Self-Venting w/ Tearaway Tamper Evident Neck Finish Seal Option (2): FS-10-6-300 w/ Non-Vented Tearaway Tamper Evident Neck Finish Seal
(1)	20 Liter UN 1H2 Series 707 Cover Black, Rubber, Tubular O-Ring Gasket, 0.260" O.D. X 0.050 Wall
(1)	20 Liter UN 1H2 Series 707 Open Head Pail

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).

NOTIFICATION: CFR TITLE 49 PART 178.2 (c)	1H2 Open Head 707 Series Pail and Cover
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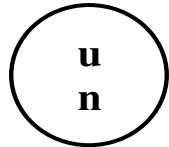
PRE-CERTIFIED UN 3H1 PACKAGING 20 Liter UN 1H2 Open Head Pail with Rieke Flexspout Closure

Packaging Assembly:

1. If not already assembled, insert Flexspout closure into API UN Series 707 Cover and crimp Flexspout closure to pail cover using a Rieke® FS 600 #01447 Crimping Tool.
2. Once filled, the API UN Series 707 Cover may be sealed on the API UN Series 707 Pail by one of the following closure methods in the order of preference:
 - a. Vertical Cylinder Press (Highly Recommended)
 Recommend 115 - 130 psi using a 5" pneumatic cylinder or 80 - 90 psi using a 6" pneumatic cylinder
 - b. Roll On Press
 - c. Mallet/Hammer
3. When properly closed, the API UN Series 707 Cover is evenly seated all around the API UN Series 707 pail and measures approximately 7/8" from the bottom of the UN Series 707 Cover to the top satellite ring.

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 / +AA3854

<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 ("05" = 2005)
USA	Country authorizing allocation of the marking
+AA3854	Packaging tested and certified by a DOT Third Party Certification Agency

NOTIFICATION: CFR TITLE 49 PART 178.2 (c)	1H2 Open Head 707 Series Pail and Cover
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PRE-CERTIFIED UN 3H1 PACKAGING **20 Liter UN 1H2 Open Head Pail with 70 MM Threaded Closure.**

Quantity	Description
(1)	Primary Closure: 70MM Threaded Screw Cap.
(1)	20 Liter UN 1H2 Series 707 Cover Black, Rubber, Tubular O-Ring Gasket, 0.260" O.D. X 0.050 Wall
(1)	20 Liter UN 1H2 Series 707 Open Head Pail

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).

NOTIFICATION: CFR TITLE 49 PART 178.2 (c)	1H2 Open Head 707 Series Pail and Cover
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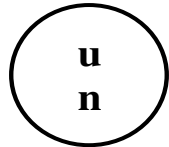
PRE-CERTIFIED UN 3H1 PACKAGING **20 Liter UN 1H2 Open Head Pail with 70 MM Threaded Closure.**

Packaging Assembly:

1. If not already assembled, the 70MM closure must be applied to the API Un series 707 Cover. using application torque of 120 in-lbs (10 ft-lbs) using a torque wrench with force indicator.
2. Once filled, the API UN Series 707 Cover may be sealed on the API UN Series 707 Pail by one of the following closure methods in the order of preference:
 - a. Vertical Cylinder Press (Highly Recommended)
Recommend 115 - 130 psi using a 5" pneumatic cylinder or 80 - 90 psi using a 6" pneumatic cylinder
 - b. Roll On Press
 - c. Mallet/Hammer
3. When properly closed, the API UN Series 707 Cover is evenly seated all around the API UN Series 707 pail and measures approximately 7/8" from the bottom of the UN Series 707 Cover to the top satellite ring.

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 / +AA3854**

<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 ("05" = 2005)
USA	Country authorizing allocation of the marking
+AA3854	Packaging tested and certified by a DOT Third Party Certification Agency

NOTIFICATION: CFR TITLE 49 PART 178.2 (c)	1H2 Open Head 707 Series Pail and Cover
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PRE-CERTIFIED UN 3H1 PACKAGING 20 Liter UN 1H2 Open Head Pail with Solid Cover

Quantity	Description
(1)	Primary Closure: 20 Liter UN 1H2 Series 707 Solid Cover
(1)	20 Liter UN 1H2 Series 707 Cover Black, Rubber, Tubular O-Ring Gasket, 0.260" O.D. X 0.050 Wall
(1)	20 Liter UN 1H2 Series 707 Open Head Pail

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).

NOTIFICATION: CFR TITLE 49 PART 178.2 (c)	1H2 Open Head 707 Series Pail and Cover
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PRE-CERTIFIED UN 3H1 PACKAGING 20 Liter UN 1H2 Open Head Pail with Solid Cover

Packaging Assembly:

1. Once filled, the API UN Series 707 Cover may be sealed on the API UN Series 707 Pail by one of the following closure methods in the order of preference:
 - a. Vertical Cylinder Press (Highly Recommended)
 Recommend 115 - 130 psi using a 5" pneumatic cylinder or 80 - 90 psi using a 6" pneumatic cylinder
 - b. Roll On Press
 - c. Mallet/Hammer

2. When properly closed, the API UN Series 707 Cover is evenly seated all around the API UN Series 707 pail and measures approximately 7/8" from the bottom of the UN Series 707 Cover to the top satellite ring.

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

Explanation of UN Marking



<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 ("05" = 2005)
USA	Country authorizing allocation of the marking
+AA3854	Packaging tested and certified by a DOT Third Party Certification Agency

NOTIFICATION: CFR TITLE 49 PART 178.601 (ABRIDGEMENT)	General Requirements & Variation 5
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The information below is an abridgment of the Code of Federal Regulation (CFR 49) Sec 178.601 and includes information on **General Requirements** and **Variation 5**. The provided sections are intended to serve as a quick reference to frequently asked question only.

For a complete listing of §178.601 General requirements, please visit www.pscionline.org, www.myregs.com/dotrspa/ or visit our website at www.apikirkcontainers.com and click on a link at the bottom of the “products” page.

§178.601 General requirements.

(a) General. The test procedures prescribed in this subpart are intended to ensure that packages containing hazardous materials can withstand normal conditions of transportation and are considered minimum requirements. Each packaging must be manufactured and assembled so as to be capable of successfully passing the prescribed tests and of conforming to the requirements of § [173.24](#) of this subchapter at all times while in transportation.

(b) Responsibility. It is the responsibility of the packaging manufacturer to assure that each package is capable of passing the prescribed tests. To the extent that a package assembly function, including final closure, is performed by the person who offers a hazardous material for transportation, that person is responsible for performing the function in accordance with §§ [173.22](#) and [178.2](#) of this subchapter.

Variation 5

(5) Variation 5. Single packagings (i.e., non-bulk packagings other than combination packagings), that differ from a tested design type only to the extent that the closure device or gasketing differs from that used in the originally tested design type, may be used without further testing, provided an equivalent level of performance is maintained, subject to the following conditions (the qualifying tests):

- ▶ (i) A packaging with the replacement closure devices or gasketing must successfully pass the drop test specified in § [178.603](#) in the orientation which most severely tests the integrity of the closure or gasket;
- ▶ (ii) When intended to contain liquids, a packaging with the replacement closure devices or gasketing must successfully pass the leakproofness test specified in § [178.604](#), the hydrostatic pressure test specified in § [178.605](#), and the stacking test specified in § [178.606](#). Replacement closures and gasketings qualified under the above test requirements are authorized without additional testing for packagings described in paragraph (g)(3) of this section. Replacement closures and gasketings qualified under the above test requirements also are authorized without additional testing for different tested design types packagings of the same type as the originally tested packaging, provided the original design type tests are more severe or comparable to tests which would otherwise be conducted on the packaging with the replacement closures or gasketings. (For example: The packaging used in the qualifying tests has a lesser packaging wall thickness than the packaging with replacement closure devices or gasketing; the gross mass of the packaging used in the qualifying drop test equals or exceeds the mass for which the packaging with replacement closure devices or gasketing was tested; the packaging used in the qualifying drop test was dropped from the same or greater height than the height from which the packaging with replacement closure devices or gasketing was dropped in design type tests; and the specific gravity of the substance used in the qualifying drop test was the same or greater than the specific gravity of the liquid used in the design type tests of the packaging with replacement closure devices or gasketing.)