

M&M INDUSTRIES, INC.

NOTIFICATION FOR M&M INDUSTRIES UN/DOT PACKAGING FOR HAZARDOUS SOLIDS/LIQUIDS

Your goal is to safely transport your valuable product along roads and highways. You want to safely reach your customers and provide them with value while keeping their trust.

While we are legally bound to provide you with the following information, we also want you to know we value your endeavor and want to help you reach your goal, everyday.

Please note that under the **U.S. Department of Transportation's Title 49CFR** it is the **Shippers Responsibility** to determine that the packaging or container is an authorized packaging, including **part 173** requirements. The selected packing must be properly assembled for transportation in accordance with the manufacturer's notification.

Please do any and all testing and research necessary to ensure that you have selected the proper M&M Industries container for use with your product.

To meet UN/DOT Standards, this package must be properly closed for shipment. Closing instructions have been included in Section A below. Failure to follow the closure instructions or substitutions of the package components other than those identified in the following paragraph will render the UN/DOT Certification invalid. For a minimum of 365 days after offering the packaging for transportation. Note that a copy of the notification and supporting documentation, as applicable, must be made available for inspection by a representative of the DOT upon request for the time period of the packaging's periodic retest date.

M & M Industries, Inc.

Section A:

In accordance with the U.S. Department of Transportation's Title 49CFR, Section 178.2, manufacturers of U.N. Standard/DOT Specification packages are required to notify in writing each person to whom that packaging is transferred of all requirements in this part not met at the time of transfer, and with information specifying the type(s) and dimensions of the closures, including gaskets and any other components needed to ensure that the packaging is capable of successfully passing the applicable performance tests. This information must include any procedures to be followed, including closure instructions for inner packagings and receptacles, to effectively assemble and close the packaging for the purpose of preventing leakage in transportation.

CLOSING INSTRUCTIONS:

To meet dry/solid UN marking:

For **Original Style non-gasketed cover:** (diameter 14.13") – To close, seat cover on top of container. Screw cover on tightly to ensure threaded contact is a minimum of 180 degrees.

For **Original Style gasketed cover:** (diameter 14.13") – To close, seat cover on top of container. Screw cover on tightly to ensure threaded contact is a minimum of 90 degrees.

For **New Generation 2.5, 3.5, 5.0 and 6.5 gallon non-gasketed cover:** (Marked MM) - To close, seat cover on top of container (marked MM on bottom of pail). The small window (see Ill. 1) by the trigger must pass the mark (see Ill. 2) on the side of the container. Screw cover on tightly to ensure threaded contact is a minimum of 180 degrees.

For **New Generation 2.5, 3.5, 5.0 and 6.5 gallon gasketed cover:** (Marked MM) – To close, seat cover on top of container (Marked MM on bottom of pail). The small window (see Ill. 1) by the trigger must pass the UN mark (see Ill. 3) on the side of the container. Screw cover on tightly to ensure threaded contact is a minimum of 90 degrees.

For **New Generation 0.6 and 1.25 gallon non-gasketed cover:** To close, seat cover on top of container. Trigger post (see Ill. 4) must pass the mark (see Ill. 5) on the side of the container. Screw cover on tightly to ensure threaded contact is a minimum of 180 degrees.

For **New Generation 0.6 and 1.25 gallon gasketed cover:** To close, seat cover on top of container. Trigger post (see Ill. 4) must pass the UN mark (see Ill. 6) on the side of the container. Screw cover on tightly to ensure threaded contact is a minimum of 90 degrees.

Illustration 1

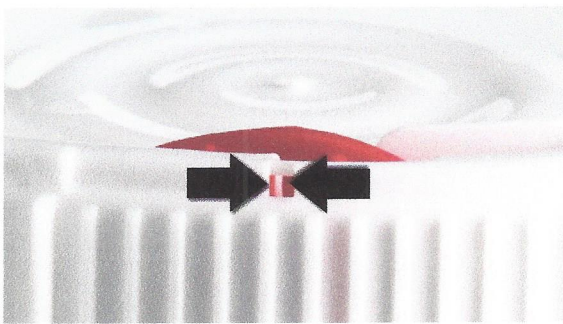


Illustration 2

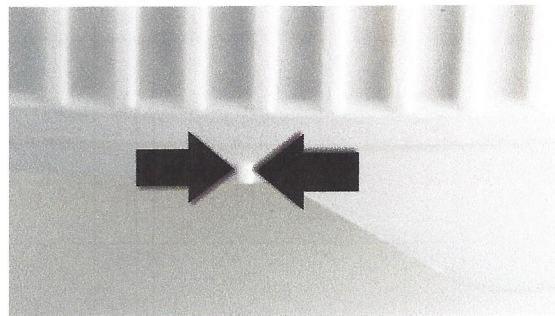


Illustration 3

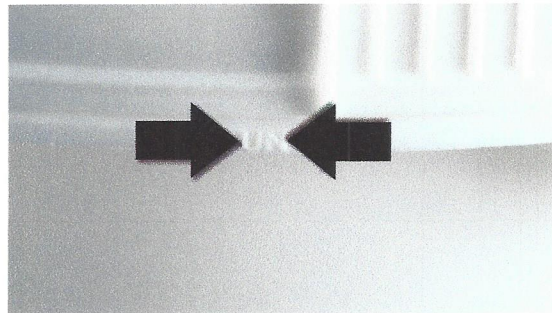


Illustration 4



Illustration 5

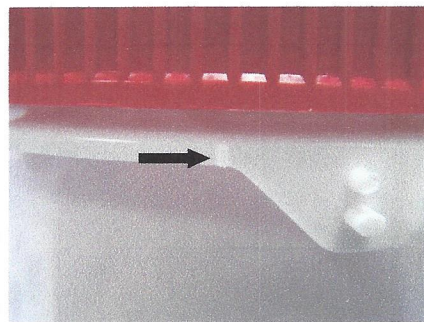
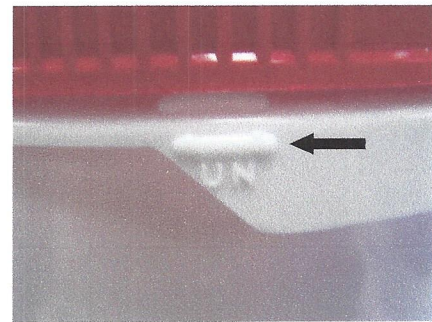


Illustration 6



To meet liquid UN marking:

For liquids, turn cover a complete 360 degrees with the threads fully engaged. For ease of application, use built-in hand lever on cover.

Packaging Components for solids containers:

1. Appropriately marked UN/DOT certified M & M Industries container
2. Solid - matching cover size with trigger attached
No gasket or with Closed Cell Neoprene gasket (diameter & length as indicated below)

Cover Size	Gasket Material	Gasket Length	Gasket Diameter	Vent Plug
0.6 gal New Gen	Closed Cell Neoprene	18.504" to 19.292"	.065" to .105"	N/A
1.25 gal New Gen	Closed Cell Neoprene	23.510" to 24.470"	.100" to .141"	Rieke Rubber Umbrella Vent PV-21 Part#02500002
2.0 & 2.5 gal original	Closed Cell Neoprene	28.607" to 29.393"	.109" to .141"	Rieke Rubber Umbrella Vent PV-21 Part#02500002
3.5 – 6.5 gal original	Closed Cell Neoprene	36.025" to 37.893"	.134" to .161"	Rieke Rubber Umbrella Vent PV-21 Part#02500002
3.5 – 6.5 gal New Gen	Closed Cell Neoprene	33.075" to 34.425"	.134" to .161"	Rieke Rubber Umbrella Vent PV-21 Part#02500002

Packaging Components for Screwtop Liquid / Solid Container

Cover Size	Gasket Material	Gasket Length	Gasket Diameter	Spout Options
5.0 Gallon	Closed Cell Neoprene	36.935" – 38.45"	.260" - .340"	Sonically welded Polyethylene American Flange spout #BUB0380000N0112. 1.50" opening 2.50" total fitting.

Specifically, the following items pertain to the Life Latch® containers and covers:

1. Life Latch® containers are certified to the UN/DOT performance oriented packaging standards and are marked with the appropriate UN markings on the bottom of the container.
2. The Life Latch® pail must always be used with the Life Latch® cover in order to meet the UN/DOT performance oriented packaging standards.

NOTIFICATION FOR M&M INDUSTRIES UN/DOT PACKAGING FOR HAZARDOUS SOLIDS/LIQUIDS

An appropriate UN marking must be maintained for each M&M Industries container design.
The UN markings for all of M&M Industries containers are defined below.

Marking for:**M & M Industries, Inc.**

Package Type:	1	Identifies a drum
Package Type:	3	Identifies a jerrican
Package Material:	H	Identifies plastic
Package Category:	2	Identifies removable head
Packing Group:	Y	Identifies the package is approved for Packing Group II and Packing Group III hazardous materials
Liquid: gravity	1.5	Identifies the package is certified for liquids not to exceed a specific of 1.5 (Ensure the specific gravity of your hazardous liquid does not exceed 1.50)
*Authorized Gross Mass:	19	Identifies the authorized gross mass in Kg that the package is certified to. The authorized gross mass changes based on the size of container. The authorized gross mass for all container sizes are listed below.
Liquid:	30	Identifies the hydrostatic test pressure in kPa that the container is certified to.
Intended for Solids:	S	Identifies the package is approved for solids only
Year of Package Manufacture:	12	Identifies the package was manufactured in 2012
Country Authorizing Allocation of the Mark:	USA	Identifies the country or origin
Registered Symbol of Party Taking Responsibility For the mark:	M2074 M6045	Identifies M&M Industries, Inc. – Chattanooga, TN Identifies M&M Industries, Inc. – Phoenix, AZ

Container Sizes	UN Rating
0.6 Gallon New Generation	1H2/Y4/S
1.25 Gallon New Generation	1H2/Y6/S
2.5 Gallon New Generation	1H2/Y19/S
3.5 Gallon New Generation	1H2/Y19/S
5.0 Gallon New Generation	1H2/Y30/S & 1H2/X11.5/S
6.5 Gallon New Generation	1H2/Y30/S & 1H2/X11.5/S
2.0 Gallon Original	1H2/Y12/S
2.5 Gallon Original	1H2/Y15/S
3.5 Gallon Original	1H2/Y19/S
5.0 Gallon Original	1H2/Y30/S & 1H2/X11.5/S
5.5 Gallon Original	1H2/Y30/S & 1H2/X11.5/S
6.5 Gallon Original	1H2/Y30/S & 1H2/X11.5/S

Should you have any questions, please contact customer service at (800) 331-5305.