M&M INDUSTRIES, INC.

MANUFACTURER'S NOTIFICATION FOR M & M INDUSTRIES, INC. UN/DOT PACKAGING FOR HAZARDOUS MATERIALS-SOLIDS

At M&M Industries, we understand your goal to safely transport your valuable products along roads and highways. You want to provide your customers with value while keeping their trust. While we are legally bound to provide you with the following information, M&M Industries also wants you to know we value your endeavor and want to help you reach your goal, every day.

Under the **U.S. Department of Transportation's Title 49CFR** it is the **Shipper's Responsibility** to determine that the packaging or container is an authorized packaging, including all part 173 requirements. The selected packaging must be properly assembled for transportation in accordance with the manufacturer's notification. **Please do all testing and research necessary to ensure that you have selected the proper M & M Industries container for use with your product.**

Lite Latch containers/lids are UN certified for air transportation with limitations, depending on product being transported. Refer to 49CFR 172.10, Subpart B for the limitations/restrictions on the specific hazardous material being transported.

To meet UN/DOT Standards, this package must be properly closed for shipment. At the time of transfer, the packaging does not meet the UN standard because it is disassembled. Only when assembled as specified in the closing instructions below, and using the components described herein, is this packaging certified to meet the UN standard. Failure to follow the closing instructions or substituting package components with components other than those identified in the following paragraph will render the UN/DOT Certification invalid.

A copy of the manufacturer's notification, including closing instructions, must be made available for inspection by a representative of the Department of Transportation upon request for at least 90 days once the package is offered to the initial carrier for transportation in commerce, as of this time (June 2013). However, M&M Industries recommends that you retain these documents for a minimum of 365 days after the package is offered for shipment. The current record retention requirements are subject to change and are found in 49CFR 173.22(a)(4), http://www.ecfr.gov

M&M Industries takes superb pride in our Quality Assurance program and systems. However, even with our very best efforts, fittings on covers / pails can become damaged or shift during transportation or storage after leaving our facility. M&M Industries recommends that fillers/offerors take all steps deemed necessary to check the fittings on each pail / cover, to meet your quality standards. An example of this is a screw cap on a cover that may vibrate or back off during transportation. The offeror of a hazardous material may be open to liability if they do not take the necessary precautions. Should you have any questions, please contact customer service at **(800) 331-5305**.

THESE CLOSING INSTRUCTIONS REMAIN IN EFFECT UNTIL FURTHER NOTICE.

CLOSING INSTRUCTIONS FOR:

Lite Latch ® Containers

Identification of Packaging: This packaging type is identified by:

Gallon Size	Lite Latch Pail mold numbers	Corresponding Lite Latch Lid mold numbers	Lid diameter (ref only, measured at base of lid)
0.6 gallon	05LLPA, 05LLPB	05LLCA, 05LLCB	6.91”
1.0 gallon	12583, 12588, 08LLPB, 08LLPC	12584, 12589, 08LLCB, 08LLCC	8.44”
1.25 gallon	10LLPB, 10LLPC	12584, 12589, 08LLCB, 08LLCC	8.44”
2.0 gallon	12610, 12611, 16LLPB	12608, 12609, 14728	11.56’
2.5 Gallon	12681, 20LLPB	12608, 12609, 14728	11.56”
3.0 Gallon	12428, 12429	12678, 12679, 12688, 13103, 13151, 14721,40LLCA, 40LLCB, 40LLCC	12.84”
3.5 Gallon	11552, 11945, 12384, 12534,28LLPA,28LLPB	12678, 12679, 12688, 13103, 13151, 14721,40LLCA, 40LLCB, 40LLCC	12.84”
5.0 Gallon	11553, 11946, 12427, 14716	12678, 12679, 12688, 13103, 13151, 14721,40LLCA, 40LLCB, 40LLCC	12.84”
6.5 Gallon	11999, 12000, 12385, 12533, 52LLPA, 52LLPB, 52LLPC, 52LLPD, 13149	12678, 12679, 12688, 13103, 13151, 14721,40LLCA, 40LLCB, 40LLCC	12.84”

7.7 Gallon	14718	14719,94LLCA	15.08”
10.7 Gallon	14715	14719,94LLCA	15.08”
11.7 Gallon	94LLPA,94LLPB	14719,94LLCA	15.08”
12.0 Gallon	14714, 15260	14720, 15261	15.82”

UN Markings for Lite Latch ® Containers:

An appropriate UN marking must be maintained for each M&M Industries container design. The UN markings for M&M Industries **Lite Latch ®** containers are listed below.

Container Size	UN Rating
0.6 Gallon Lite Latch	1H2/Y4/S
1.0 Gallon Lite Latch	1H2/Y6/S
1.25 Gallon Lite Latch	1H2/Y6/S
2.0 Gallon Lite Latch	1H2/Y12/S
2.5 Gallon Lite Latch	1H2/Y13/S
3.0 Gallon Lite Latch	1H2/Y19/S
3.5 Gallon Lite Latch	1H2/Y19/S
5.0 Gallon Lite Latch	1H2/Y25/S
5.0 Gallon Lite Latch	1H2/X11.5/S
6.5 Gallon Lite Latch	1H2/Y30/S
7.7 Gallon Lite Latch	1H2/Y41/S
10.7 Gallon Lite Latch	1H2/Y48/S
11.7 Gallon Lite Latch	1H2/Y52.4/S
12.0 Gallon Lite Latch	1H2/Y53/S

NOTE: Lite Latch ® containers are UN certified for solids only, using NONGASKETED lids.

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 closings, 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 closing instructions for inner packaging and receptacles, to effectively assemble and close the packaging for the purpose of preventing leakage in transportation.

Specifically, the following items pertain to the **Lite Latch ®** containers:

- **Lite Latch ®** containers are certified to the UN/DOT performance-oriented packaging standards and are marked with the appropriate UN markings on the container.
- The **Lite Latch ®** pail must always be used with the correct **Lite Latch ®** lid in order to meet the UN/DOT performance-oriented packaging standards.
- **Lite Latch ®** containers **are not** UN certified for liquids.

CLOSING INSTRUCTIONS FOR SOLIDS:

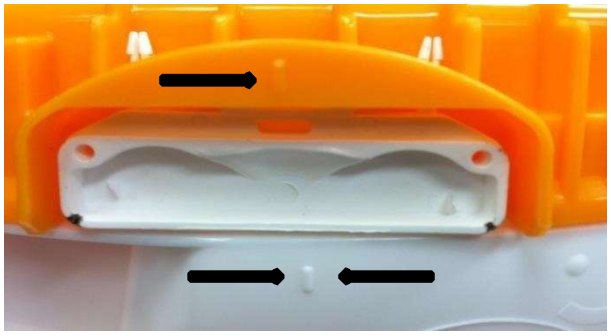
Packaging Components required:

- Appropriately marked UN/DOT certified M & M Industries pail
- Matching lid size with trigger attached, non-gasketed

All sizes, NON-GASKETED lid:

To close, seat lid on top of pail. Rotate lid clockwise until the line on the lid above the trigger is located to meet the mark on the pail or to the left of the mark on the side of the pail (see Ill 1). Continue rotating until the lid is fully tightened with the trigger post fully engaged in the open widow. **Inspect lid after application to confirm it is properly seated.**

Illustration 1 – Line on lid will meet or be to the left of the



line on pail when lid is fully tightened.

Revision History:

Original issue – September 11, 2014

Revised- 5/16/18 added 10.7 Gallon Lite Latch to Instructions

Revised 6/18/18 added 12.0 Gallon Lite Latch to Instructions, added all other Lite Latch parts that were not on the instructions.

Revised 8/31/18 added 7.7 Lite Latch to instructions.

Revised 10/25/19 added .6, 1.25, Lite Latch to instructions. Added all other Lite Latch parts that were not on the instructions. Revised UN rating for 2.5 Lite Latch Pail.

Revised 3/16/2021 added 11.7 Lite Latch to instructions. Added various new mold numbers.

Revised 11/14/2021 added various new mold numbers.

Revised 4/27/2022 added specific instructions on air transportation

Revised 6/27/2022 added various new mold numbers

Revised 1/5/2023 added new mold numbers

Revised 8/31/2026 added new mold numbers, added 5.0 LL X-Rated Package