

# **M&M INDUSTRIES, INC.**

## **NOTIFICATION FOR M & M INDUSTRIES, INC. UN/DOT PACKAGING FOR HAZARDOUS SOLIDS/LIQUIDS**

Please note that under the U.S. Department of Transportation's Title 49CFR, Section 173.22, it is the Shipper's **Responsibility** to ensure that an authorized package has been selected for the product they intend to offer for transportation and that the selected package is properly closed 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.** Failure to follow the closure instructions or substitutions of the package components will render the UN/DOT Certification invalid.

---

We take superb pride in our Quality Assurance program and systems. We do need to state however, even with our very best efforts, fittings on covers / pails can become damaged or shift during transportation / storage after leaving our facility. We recommend that our fillers take all steps you deem necessary to check your fittings on each pail / cover to meet your quality standards. An example of such would be a screw cap on a cover that can vibrate or back off during transportation. You may leave yourself open to liability by not taking the necessary precautions.

---

### **CLOSING INSTRUCTIONS FOR THE M2 PAIL AND COVER:**

**M2 Pail w/M2 Cover (B Markings) 1H2/Y25/S/09 USA/M2074**

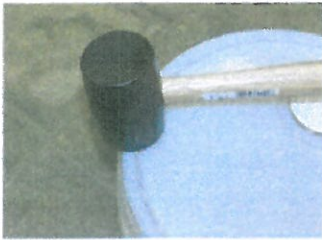
1. When user deems pail is ready to be closed, place on a level surface to apply cover.
2. When using a pneumatic press to close the pails (Figure B), make sure pail/cover are centered so the entire pressure from the press is over the entire cover area. A minimum of 80 psi from a regulated air supply must be utilized.

Figure B: Pneumatic Press



3. When using a heavy-duty rubber mallet, hammer the cover into place. Strike cover in the center of the cover's outer ring (Figure A). Strike cover onto the pail until it snaps. Continue to hammer the cover into place 360 degrees, until the cover is evenly seated all the way around the pail.

Figure A



Properly seated M2 cover



Improperly seated M2 cover



An appropriate UN marking must be maintained for each M & M Industries container design. The UN markings for the M2 pail and cover are defined below.

**M2 Pail w/M2 Cover (B Markings):**  
1H2/Y25/S/09 USA/M2074

Package Type:	1	Identifies a drum
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
Authorized Gross Mass:	25	Identifies the authorized gross mass in Kg that the package is certified to.
Intended for Solids:	S	Identifies the package is approved for solids only
Year of Package Manufacture:	09	Identifies the package was manufactured in 2009
Country of Authorizing Allocation of the Mark:	USA	Identifies the country of origin
Registered Symbol of Party Taking Responsibility For the Mark:	M2074	Identifies M & M Industries, Inc. – Chattanooga, TN (where UN performance records are stored)

- When using the cover with the screw cap fitting, the recommended torque for the 70mm cap is 120 inch pounds.

## CLOSING INSTRUCTIONS FOR THE M2 PAIL AND M4 COVER:

M2 Pail w/M4 Cover (A Markings): 1H2/Y40/S/09 USA/M2074

M2 Pail w/M4 Cover (A Markings): 1H2/Y1.5/20/09 USA/M2074

1. When user deems pail is ready to be closed, place on a level surface to apply cover.
2. When using a pneumatic press to close the pails (Figure B), make sure pail/cover are centered so the entire pressure from the press is over the entire cover area. A minimum of 80 psi from a regulated air supply must be utilized.

Figure B: Pneumatic Press



3. When using a heavy-duty rubber mallet, hammer the cover into place. Strike cover in the center of the cover's outer ring (Figure A). Strike cover onto the pail until it snaps. Continue to hammer the cover into place 360 degrees, until the cover is evenly seated all the way around the pail.

Figure A



Properly seated M4 cover



Improperly seated M4 cover



An appropriate UN marking must be maintained for each M & M Industries container design. The UN markings for the M2 pail and M4 cover are defined below.

### M2 Pail w/M4 Cover (A Markings):

1H2/Y40/S/09 USA/M2074

Package Type:	1	Identifies a drum
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
Authorized Gross Mass:	40	Identifies the authorized gross mass in Kg that the package is certified to.

Intended for Solids:	S	Identifies the package is approved for solids only
Year of Package Manufacture:	09	Identifies the package was manufactured in 2009
Country of Authorizing Allocation of the Mark:	USA	Identifies the country of origin
Registered Symbol of Party Taking Responsibility For the Mark:	M2074	Identifies M & M Industries, Inc. – Chattanooga, TN (where UN performance records are stored)

**M2 Pail w/M4 Cover (A Markings):**  
1H2/Y1.5/20/09 USA/M2074

Package Type:	1	Identifies a drum
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 Gravity of 1.5 (Ensure the specific gravity of your hazardous liquid does Not exceed 1.50.)
Liquid:	20	Identifies the hydrostatic test pressure in kPa that the container is Certified to. (Ensure the hydrostatic pressure of your hazardous liquid is within this range.)
Year of Package Manufacture:	09	Identifies the package was manufactured in 2009
Country of Authorizing Allocation of the Mark:	USA	Identifies the country of origin
Registered Symbol of Party Taking Responsibility For the Mark:	M2074	Identifies M & M Industries, Inc. – Chattanooga, TN (where UN performance records are stored)

- When using the cover with the screw cap fitting, the recommended torque for the 70mm cap is 120 inch pounds.

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