



**Pipeline and Hazardous
Materials Safety Administration**

APPROVAL CA2020110505
ISSUED BY THE COMPETENT AUTHORITY OF THE UNITED STATES
EXPIRATION DATE: December 31, 2025

1. **APPROVAL HOLDER:** M & M Industries, Inc.
Chattanooga, TN
United States
2. **REGULATORY AUTHORITY:** 49 CFR § 178.601(e) - Periodic retesting.
3. **SYNOPSIS:** M & M Industries, Inc. is authorized to perform periodic design qualification testing on two single packaging designs at least once every 24 months provided the periodic qualification of each packaging design occurs in alternating years. The most recent revision of this approval supersedes all previous revisions.
4. **BASIS:** This approval is issued in response to M & M Industries, Inc.'s application dated November 19, 2020.
5. **PERIOD OF VALIDITY AND CONDITIONS OF APPROVAL:** This approval does not provide relief from any requirement of the Hazardous Materials Regulations except as stated herein. This approval is valid until the posted expiration date or unless suspended or terminated by the Associate Administrator for Hazardous Materials Safety.
 - a. **Approved Materials:** Only the following material(s) may be transported under the terms of this approval.

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
All hazardous materials authorized for transportation in UN 1H2 plastic drums	As appropriate	As appropriate	II and III

- b. Safety Controls: Production testing, consisting of one set of top chime drops in accordance with § 178.603 of the Hazardous Materials Regulations (HMR) and one set of hydrostatic pressure tests in accordance with § 178.605 of the HMR shall be performed at the beginning of each production run and after any material color change. The closure method employed during production testing shall alternate with each set of tests performed. Any failures during production testing shall halt production, any produced packagings shall be destroyed, and no new packaging shall be produced until any issues have been diagnosed and corrected. Production testing data shall be maintained for no less than five years.
 - c. Testing Requirements:
 - (1) Each packaging design shall be tested in accordance with 49 CFR Part 178 Subpart M, except that periodic design qualification testing may occur every 24 months provided the individual designs are tested in alternating years.
 - (2) Testing shall alternate closure methods between closing via mallet and closing via pneumatic press.
 - d. Packaging Requirements: Prescribed packagings are two single UN 1H2 plastic drum designs meeting the Packing Group II performance criteria, as described in M & M Industries, Inc.'s application dated November 19, 2020 and on file with the Office of Hazardous Materials Safety Approvals and Permits Division.
 - e. Marking Requirements: Each package, and overpack if used, prepared under the provisions of this approval must be plainly marked with the approval number.
6. **MODES OF TRANSPORTATION AUTHORIZED**: Motor vehicle, rail freight, and cargo vessel.
7. **SPECIAL PROVISIONS**:
 - a. A current copy of this approval must be maintained and made available for examination at each location where packagings authorized under this approval are tested.

- b. A current copy of this approval must be maintained and made available for examination at each facility where the package is offered or reoffered for transportation under its authority.
- c. Any person may use the packaging(s) authorized by this approval for the transportation of the hazardous materials specified in paragraph 5.a. above, only in conformance with the terms of this approval.
- d. Any person who receives a package covered by this approval may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this approval.
- e. This approval in no way affects the need to obtain any required authorizations from other agencies of the United States Government or from the competent authorities of countries of origin, transit, and destination.
- f. The approval holder must maintain a record that contains a listing of the approximate number of packagings tested under the terms of the approval, and this information must be made available upon request to a DOT representative or an enforcement official.
- g. Shipments or operations conducted under this approval are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR 171.15 - Immediate notice of certain hazardous materials incidents, and 49 CFR 171.16 - Detailed hazardous materials incident reports. In addition, the approval holder must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment, or operation conducted under the terms of this approval.

8. **GENERAL PROVISIONS:**

- a. Failure by any person to comply with the terms and conditions of this approval and the Hazardous Materials Regulations, 49 CFR Parts 171-180, may result in the modification, suspension or termination of that person's authority to use this approval. Failure to comply may also subject that person to penalties prescribed by 49 U.S.C. §§ 5123 and 5124. This approval may be modified, suspended or terminated

in its entirety if that action is justified in light of changes in circumstances or additional information not available when this approval was issued. Unless immediate modification, suspension or termination is necessary to avoid a risk of significant harm to persons or property, before action is taken, that person will be notified and provided with an opportunity to show why the proposed action should not be taken.

- b. Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this approval must be provided training on the requirements and conditions of this approval in addition to the training required by §§ 172.700 through 172.704.
- c. Any person operating under the terms of this approval must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.

Issued in Washington, D.C.

Dated: January 26, 2021



for William Schoonover
Associate Administrator for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials Safety Administration, Department of Transportation, Washington, D.C. 20590. Attention: PHH-30.