

This Is Really Great News!

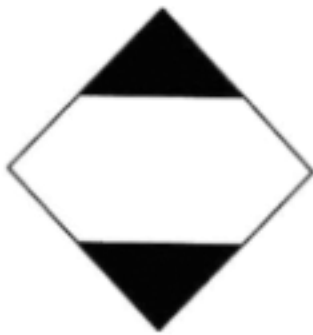
IMPORTANT ANNOUNCEMENT

The HazMat shipping protocol for model rocket motors has changed. We believe that this represents great news for our distributors, dealers, consumers and industry. Following the guidelines of the summary below, the shipment of “A” type to “G” type single-use model rocket motors and rocket motor reload kits will no longer require Flammable Solid HazMat labeling, HazMat paperwork or HazMat fees.

SUMMARY

AeroTech/Quest has determined and confirmed with the U.S. Department of Transportation (DOT) that previously DOT-approved model rocket motors, rocket motor reloading kits and igniters that are reclassified under special permit DOT-SP 7887 as Flammable solids, organic, n.o.s., Division 4.1, Identification number UN1325, Packing group II may be offered for **ground transportation only** according to the limited quantity provisions of 49 CFR 173.156, 49 CFR 173.151 and 49 CFR 173.315, under the following conditions:

1. Inner packages may contain up to 1.0 kg (2.2 pounds) net propellant weight capacity each, packed in a strong outer packaging (49CFR 173.151(b)(1)(i)).
2. All outer packaging and gross weight requirements of DOT-SP 7887 must be met including:
 - a. The outer packaging must not exceed 11.3 kg. (25 pounds) gross weight if no model rocket motors contain more than 30 grams of propellant. The outer packaging shall not exceed 4.5 kg. (10 pounds) gross weight if any model rocket motors contain more than 30 grams, but none contain more than 62.5 grams of propellant.
 - b. Outer packaging must be UN 4C1 Boxes of natural wood; UN 4D Plywood boxes; UN 4F Boxes of reconstituted wood; or UN 4G Fiberboard boxes.
3. The DOT Limited Quantity (LQ) marking must be applied to each outer packaging (49 CFR 172.315):



4. No other marking or labeling needs to be applied to the outer packaging (49CFR 173.151(b)(1)).
5. No shipping paper is required (49CFR 173.151(d)).
6. A current copy of the DOT-SP 7887 special permit must be maintained at each facility where the package is offered or reoffered for transportation.
7. The model rocket motors and reload kits authorized under this special permit DOT-SP 7887 may be shipped in the same outer packaging with non-hazardous materials needed to construct model rockets.

8. Igniters originally classed as Division 1.4G or 1.4S may be shipped with the rocket motors or reload kits.
9. Multiple outer packages may be overpacked in accordance with the provisions of 49 CFR 173.25.
10. Shipments of limited quantities of division 4.1 flammable solids are not subject to placarding requirements (49CFR 173.151(b)(1)).
11. Hazmat fees will not be incurred for packages shipped in this manner via FedEx or UPS.
12. Per DOT-SP 7887: "A person who receives a shipment of model rocket motor kits classed under this special permit but is not a grantee may reoffer the kits for transportation in conformance with this special permit provided no modifications or changes are made to the inner packagings and they are reoffered for transportation in conformance with this special permit and the HMR."

Basically this means that we will now be able to ship 25 lb. gross weight shipments of model rocket motors that contain no more than 30 grams of propellant each and 10 lb. gross weight shipments of model rocket motors that contain more than 30 grams of propellant each, but no more than 62.5 grams of propellant each, without HazMat labels, HazMat paperwork or HazMat fees providing the DOT Limited Quantity marking is used. Larger size and weight shipments can be made as long as the 10 lb. or 25 lb. inner packs utilize UN approved boxes within an outer pack fiberboard box, which has the DOT Limited Quantity marking applied.

Please see the following links for the actual CFR regulations involved in this interpretation and explanation:

<https://www.ecfr.gov/current/title-49/subtitle-B/chapter-I/subchapter-C/part-173/subpart-B/section-173.25>

<https://www.ecfr.gov/current/title-49/subtitle-B/chapter-I/subchapter-C/part-173/subpart-D/section-173.151>

<https://www.ecfr.gov/current/title-49/subtitle-B/chapter-I/subchapter-C/part-173/subpart-D/section-173.156>

<https://www.ecfr.gov/current/title-49/subtitle-B/chapter-I/subchapter-C/part-172/subpart-D/section-172.315>

A copy of DOT-SP 7887 is included with this notice. A listing of all current Q-Jet, Enerjet and AeroTech single-use model rocket motors and rocket motor reload kits involved in this change is available upon request from the AeroTech/Quest Customer Service Department. Thank you for your continued loyalty and support as an AeroTech/Quest dealer and/or distributor.

Best Regards,

AeroTech/Quest Customer Service Team

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