



U.S. Department  
of Transportation

**Pipeline and Hazardous  
Materials Safety  
Administration**

1200 New Jersey Avenue, SE  
Washington, D.C. 20590

**APR 24 2012**

Mr. Ben Barrett  
DG Advisor, LLC  
1930 E. Blue Ridge Blvd.,  
Kansas City, MO 64146

Ref. No. 12-0045

Dear Mr. Barrett:

This responds to your February 1, 2012 letter regarding overpack requirements under the Hazardous Materials Regulations (HMR; 49 CFR Parts 171-180). According to your letter, the following Division 1.4S and Division 4.1 products, respectively, are prepared and packaged in single or combination packagings in accordance with the HMR: (1) "Cartridges, small arms, UN0012," "Cartridges, small arms, blank, UN0014," "Cases, cartridge, empty with primer, UN0055," and "Primers, cap type, UN0044;" and (2) "Black powder for small arms, NA0027" and "Smokeless powder for small arms, NA3178." Specifically, you ask whether, for motor vehicle transport, these materials along with non-hazardous material may be consolidated in an overpack. Additionally, you request confirmation that the quantity limit for the black powder and smokeless powder is 100 pounds net mass each and not a combined amount.

With regard to your first request, the answer is yes, provided the mixed packaging requirements of § 173.61(a) are met. Section 173.61(a) prohibits the packing of an explosive with a material that could adversely impact the explosive or its packaging under normal transportation conditions. Otherwise, there are no further restrictions under the general transportation requirements of the HMR. With regard to your second request, your understanding of the limits on transporting black powder and smokeless powder is correct. The total quantity authorized in one motor vehicle, for example, is 100 pounds net mass each and not a combined amount. See §§ 173.170 and 173.171.

I hope this information is helpful. If you have further questions, please contact this office.

Sincerely,

Ben Supko  
Acting Chief, Standards Development Branch  
Standards and Rulemaking Division



Der kinderen  
§ 172.101  
§ 173.25  
Applicability  
12-0045

February 1, 2012

Standards and Rulemaking Division  
Pipeline and Hazardous Materials Safety Administration  
Attn: PHH-10  
U.S. Department of Transportation  
East Building, 1200 New Jersey Avenue, SE.  
Washington, DC 20590-0001

**Re: Interpretation**

To Whom It May Concern:

We request an interpretation concerning the following products:

NA0027, Black powder for small arms, 4.1, I  
NA3178, Smokeless powder for small arms, 4.1, I  
UN 0012, Cartridges, small arms, 1.4S, II  
UN 0014, Cartridges, small arms, blank, 1.4S, II  
UN 0044, Primers, cap type, 1.4S, II  
UN 0055, Cases, cartridge, empty with primer, 1.4S, II  
Non-hazardous materials

After packing in a single or combination package according to the Hazardous Materials Regulations, may these packages then be legally overpacked together? Noting that the two domestic entries each have shipment limits, please confirm that the shipment limits operate separately, and would remain separate despite overpacking, e.g. a truck could transport up to 100 pounds net each of NA 0027 and NA 3178 simultaneously, whether or not overpacked together.

Thank you.

Sincerely,  
DG Advisor, LLC

A handwritten signature in black ink, appearing to read 'Ben Barrett', with a long horizontal line extending to the right.

Ben Barrett  
President