



U.S. Department  
of Transportation

East Building, PHH – 32  
1200 New Jersey Avenue, Southeast  
Washington, D.C. 20590

**Pipeline and Hazardous  
Materials Safety Administration**

**The US Department of Transportation  
Competent Authority for the United States**

### **CLASSIFICATION OF EXPLOSIVES**

Based upon a request by Excelitas Technologies Corp., 1100 Vanguard Blvd, Miamisburg, OH 45342, United States the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

#### **U.N. PROPER SHIPPING NAME AND NUMBER:**

Detonators, electric for blasting, UN0456

#### **U.N. CLASSIFICATION CODE:** 1.4S

#### **REFERENCE NUMBER**

EX2014060593

#### **PRODUCT DESIGNATION/PART NUMBER**

Blue Chip Detonator Family (D/N: 332627, Issue B)

NOTES: This classification is only valid when the detonators are packaged as follows:  
Inner Packaging - Trays, pre-formed foam, such as to contain no more than fifty (50) detonators in individual cells with minimum 1.5 inch separation distance between units.  
Intermediate Packaging - Box, fiberboard, each containing a single (1) inner packaging.  
Outer Packaging - UN 4G fiberboard box, each containing no more than five (5) intermediate packagings.

This classification is based upon testing which meets UN 6(d) test criteria.

**DATED:** 12/16/2014

For Dr. Magdy El-Sibaie  
Associate Administrator for Hazardous Materials Safety