HAZARDOUS COMPONENT SAFETY DATA STATEMENT (HCSDS)	1. DATE PREPARED 99 Mar 03	REPORT CONTROL SYMBOL MIL (AR) 1687
2. MATERIAL / COMPONENT / ASSEMBLY Cartridge, 5.56mm, Ball, M855	3. NUMBER 1728	4. REVISION K

5. APPLICABLE FEDERAL ACQUISITION REGULATION (FAR) SAFETY CLAUSE
28.7102

PART I - SENSITIVITY *(Apparatus and Comparison Values)*

6. FRICTION TEST	7. IMPACT TEST	8. ELECTROSTATIC DISCHARGE TEST
NA	NA	NA

PART II - HAZARDS

9. FIRE	10. AUTO IGNITION TEMP	11. FLASH POINT	12. DECOMPOSITION PRODUCTS
Low	NA	NA	Toxic, Avoid Inhalation and Ingestion

13. FLAMMABLE AND/OR EXPLOSIVE LIMITS		14. EXPLOSION	15. EXPLOSIVE TEMP. (5 Sec.)	16. DUSTS
a. LOWER PERCENT NA	b. UPPER PERCENT NA	Low	NA	NA

17. HEALTH HAZARD INFORMATION (Toxicity)	18. UNPACKED (In-Process) HAZARD CLASS *(Specify Quantities Involved)*
Not Toxic	Class 1.4

19. SPECIAL REQUIREMENTS (If additional space is needed, use plain bond paper)

Ref-Dwg: 9342868 and Spec: MIL-C-63989

Approved Packaging Drawings (See Attached Sheet)

PART III - SHIPPING / STORAGE CLASSIFICATION OF ITEM WHEN PACKED IN ACCORDANCE WITH APPROVED PACKING DRAWINGS

20. DOD HAZARD CLASS/DIV	21. DOD STORAGE COMPATIBILITY GROUP	22. DOT HAZARD CLASSIFICATION	23. DOT CONTAINER MARKING
1.4	S	1.4S	See attached sheet

24. PREPARED BY *(Initials)*		
a. TYPED OR PRINTED NAME R. W. BATSON	b. SIGNATURE R. W. Batson	c. ORGANIZATION Safety Office, ARDEC
25. CONCURRED IN BY		
a. TYPED OR PRINTED NAME C. L. NGUYEN	b. SIGNATURE Chau L. Nguyen	c. ORGANIZATION Safety Office, ARDEC
26. SAFETY CHIEF OR AUTHORIZED REPRESENTATIVE		
a. TYPED OR PRINTED NAME C. R. PETERS, P.E.	b. SIGNATURE C. R. Peters	c. ORGANIZATION Safety Office, ARDEC

The information relating to safety (herein refered to as "safety data") contained in this document is limited to those instances when the document is provided as a part of a procurement/production package which involves the development, testing, storage, manufacture, modification, renovation, demilitarization, packaging, transportation, handling, disposal, inspection, repair or any other use of the item, (material/component/assembly) which is specified in the contract. The safety data contained herein are examples which shall be used by the contractor to alert contractor personnel as well as other personnel of hazards associated with the procurement/production of the item. No representation is made that compliance with the information provided will prevent any accidents to persons or property or that additional warnings may not be appropriate. Neither the foregoing nor any act or failure to act by the Government in regard to alerting personnel to the hazards of the item shall affect or relieve the contractor of responsibility for the safety of contractor personnel or property and for the safety of the general public in connection with the performance of the contract, or impose or add to any liability of the Government for such safety.

SPECIAL REQUIREMENTS: (CON'T)

In accordance with applicable parts of 49CFR for proper description, packaging, marking and classification, the following Hazard Classification is assigned to the subject item:

DOD Hazard Class/Div/SCG: 1.4S
DOT Hazard Class: 1.4S
(Section 173, Subpart C, Section 173.52)
DOT Label: Explosive 1.4
(Section 172, Subpart E (172.411 (c) & (d))
DOT Proper Shipping Name (PSN): Cartridges, Small Arms
(Section 172, Subpart B and Section 172.101)
UN Serial Number/PSN: 0012
DOT Container Marking: Cartridges, Small Arms
UN: 0012
NSN: (as applicable)
DOT Authorization: (as applicable)
(Section 172, Subpart D, Section 172.301(a) and 172.320(a))
Packaging Method: US005
Explosive Weight for QD Determination: lbs (kgs): 0.00379 (.00172)

2. Approved Packaging Drawings:

800 Cartridges - M27 Linked: 9354587, 9354586, 9354585, 9354584, 9354583

(NSN: 1305-01-156-7584 DODIC: A064 UN Ident: 0012)
DOT Authorization; Ref: 8501077A

1680 Cartridges - 10 Rd Clips: 9354626, 12551963-4, 11735708

(NSN: 1305-01-155-5459 DODIC: A059 UN Ident: 0012)
DOT Authorization; Ref: Ex-8501076C

1600 Cartridges - M27 Linked: 9357709, 9357711, 9357710

(NSN: 1305-01-155-5461 DODIC: A062 UN Ident: 0012)
DOT Authorization; Ref: Ex-8501076D

1680 Cartridges: 9357712, 9357715, 9357714, 9357713, 10534433

(NSN: 1305-01-155-5458 DODIC: A058 UN Ident: 0012)
DOT Authorization; Ref: Ex-8501076B

1728
K
03 Mar 99

Cartridge, 5.56mm, Ball, M855

Spec: MIL-C-63989

HCSDS: 1728

Dwg: 9342868, Rev-F

Primer, Percussion, M41

Spec: MIL-P-46610

HCSDS: 10032
Dwg: 10534279

Propellant, WC-844

Spec: MIL-P-3984

HCSDS: 340

Dwg: 10542743

"or"

Propellant, WCR-845

Spec: MIL-P-3984

HCSDS: 2504

Dwg: 12953490

Bullet, Ball, 5.56mm

Dwg: 9342869 Rev-E
9392531 Rev-

SPECIAL REQUIREMENTS: (CONT'D)

1680 Cartridges - 10 Rd Clips: 9357724, 9357715, 9357714, 9357713, 11010483
(NSN: 1305-01-155-5462 DODIC: A059 UN Ident: 0012)
DOT Authorization; Ref: Ex-8501076E

1640 Cartridges: 9357726, 9345240, 9345239, 10534433

(NSN: 1305-01-155-5455 DODIC: A058 UN Ident: 0012)
DOT Authorization; Ref: Ex-8501076

800 Cartridges - M27 Linked: 9378320, 9378319, 9378318, 9378317, 9378316

(NSN: 13305-01-174-9277 DODIC: A062 UN Ident: 0012)
DOT Authorization; Ref: Ex-8501076F

1600 Cartridges - M27 Linked: 12597656, 12590217, 12590219, 9354584, 9354583

(NSN: 1305-01-252-0153 DODIC: A064 UN Ident: 0012)
DOT Authorization; Ref: Ex-8712753

200 Cartridges - M27 Linked: 9357709, 9357711, 9357710

(NSN: 1305-01-155-5461)
DOT Authorization; Ref: Ex-8501076D

1600 Cartridges - M27 Linked - M248 Mag: 12590315, 12590217, 12590219, 9378317

(NSN: 1305-01-258-8692)
DOT Authorization; Ref: Ex-9211175