attachment 005

HAZARDOUS COMPONENT SAFETY DATA STATEMENT (HCSDS)

1 DATE PREPARED (YYMMDD): 87 Apr 06

REPORT CONTROL SYMBOL: MIL (AR) 1527

2 MATERIAL/COMPONENT/ASSEMBLY: Cartridge, Caliber, .50, Tracer, M17

3 NUMBER: 10109

4 REVISION: J

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	b UPPER PERCENT			
NA	NA	LOW	NA	NA

17 HEALTH HAZARD INFORMATION (Toxicity): Not Toxic

18 UNPACKED (In-Process) HAZARD CLASS (Specify Quantities Involved): Class 1.4

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

Ref-Dwg: 7672165 and Spec: MIL-C-1318

Approved Packaging Drawings: (See Attached Sheet)

** Classifications* Tri-Service Coordinated

** Small Arms Ammunition

* 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	C	Class C Explosive	DC ***

24 PREPARED BY (Initiator)		
a TYPED OR PRINTED NAME: R. W. BATSON	b SIGNATURE: R. Batson	c. ORGANIZATION: Safety Office, ARDEC
25 CONCURRED IN BY		
a TYPED OR PRINTED NAME: R. W. SNOOK	b SIGNATURE: R.W. Snook	c. ORGANIZATION: Safety Office, ARDEC
26 SAFETY CHIEF OR AUTHORIZED REPRESENTATIVE		
a TYPED OR PRINTED NAME: C. PETERS	b SIGNATURE: C. Peters	c. ORGANIZATION: Safety Office, ARDEC

The information relating to safety (herein referred 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 accident 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.

DD Form 2357, APR 85

10109
J
6 Apr 87

Cartridge, Caliber, .50, Tracer, M17

Spec: MIL-C-1318
HCSDS: 10109
Dwg: 7672165, Rev-F

Primer, Percussion, Commercial

HCSDS: 855

Dwg: 7645339

Propellant, IMR-5010

HCSDS: 10040

Dwg: 10534796

(225 grains)

Bullet, f/Cartridge, Cal, .50, Tracer, M17

HCSDS: 1358

Dwg: 7638551

1. Classifications* are for shipment and storage when item is packaged in accordance with packaging drawings or sections of 49 CFR as follows:

DEFINITION: Section 173.100(b)
PACKAGING: Section 173.101
MARKING: Section 172 Subpart D and Section 173.101(e) & (f)
LABELING: Excepted from the Label prescribed in Section 172.411. Outside of each package to be plainly marked "Small Arms Ammunition".

2. Approved Packaging Drawings:

170 Cartridges - M15A2 Linked: 9332515, 9332395, 9332394
(NSN: 1305-00-764-8386 DODIC: A520)

170 Cartridges - M15A2 Linked: 9332517, 9332395, 9332394
(NSN: 1305-00-689-4738 DODIC: A590)

200 Cartridges - M9 Linked: 9341546, 7553346, 11731655
(NSN: 1305-00-935-2107 DODIC: A540 UN Ident: 0339)

200 Cartridges - M9 Linked: 10542439, 7553346, 11731655
(NSN: 1305-00-028-6583** DODIC: A557 UN Ident: 0339)

170 Cartridges - M15A2 Linked: 11731651, 9332395, 9332394
(NSN: 1305-00-764-8386 DODIC: A520 UN Ident: 0339)

180 Cartridges - M15A2 Linked: 11735424, 8596993, 8596992

200 Cartridges - M9 Linked: 11735425, 7553346, 11731655
(NSN: 1305-00-028-6609** DODIC: A572 UN Ident: 0339)

240 Cartridges: 11740755, 7553544, 11740658
(NSN: 1305-00-585-5188 DODIC: A557 UN Ident: 0339)

3. The M17 Cartridge is either packed singularly or in multiple packages in combination with other cartridges. National Stock Numbers (NSN) are as follows:

a. Cartridge, Caliber, .50, Tracer, M17:

NSN	DODIC	UN Ident
1305-00-028-6427	A570	0339
1305-00-028-6429	A571	0339
1305-00-028-6430	A570	0339
1305-00-028-6607	-	0339
1305-00-028-6608	-	0339
1305-00-028-6417	A581	0339

Cartridge, Caliber, .50, Tracer, M17 (Cont):

NSN	DODIC	UN Ident
1305-00-028-6610	A573	0339
1305-00-028-6609**	A572	0339
1305-00-555-7051**	A570	0339
1305-00-585-5189	A570	0339
1305-00-028-6610	A573	0339
1305-00-585-4384	A580	0339
1305-00-618-2399	A586	0339
1305-00-585-5187**	A571	0339
1305-00-585-5188	A571	0339
1305-00-585-5189	A570	0339

b. Cartridge, Caliber, .50, Ball, M33 and Tracer, M17:

NSN	DODIC	UN Ident
1305-00-028-6340	A556	0339
1305-00-028-6344	A556	0339
1305-00-028-6359	A556	0339
1305-00-028-6366	A556	0339
1305-00-028-6592**	A621	0339
1305-00-746-8386	A520	0339
1305-00-993-7727	A520	0339
1305-00-028-6587	A557	0339

c. Cartridge, Caliber, .50, Ball, M2 and Tracer, M17:

NSN	DODIC	UN Ident
1305-00-028-6346**	A612	0339
1305-00-028-6348	A612	0339
1305-00-028-6572	A612	0339
1305-00-028-9834**	A556	0339
1305-00-540-1056	A557	0339

d. Cartridge, Caliber, .50, API, M8 and Tracer, M17:****

NSN	DODIC	UN Ident
1305-00-028-6486	A539	0339
1305-00-028-6487	A539	0339
1305-00-028-6470	A540	0339
1305-00-689-4738	A590	0339
1305-00-935-2017	A540	0300

****Classifications for above NSN's:

DOD Hazard Class: 1.4
DOD Storage Compatibility Group: G
DOT Hazard Class: Class C Explosive
DOT Container Marking: Small Arms Ammunition (DC)

e. Cartridge, Caliber .50, AP, M2 and Tracer, M17:

NSN	DODIC	UN Ident
1305-00-028-6347**	A557	0339
1305-00-028-6357	A612	0339
1305-00-028-6564	A530	0339
1305-00-028-6562	A530	0339

f. Cartridge, Caliber .50, APIT, M20 and Tracer, M17:****

NSN	DODIC	UN Ident
1305-01-131-7822	A523	0339