

View Online at <https://aerobasegroup.com/nsn/1315-00-889-2087>

**Cubic Measure:**

1.9020 cubic feet

**Cartridge Model Number:**

M431a1

**Cartridge Design Type:**

High explosive antitank-tracer

**Cartridge Case Material:**

Steel

**Projectile Filler Type:**

Composition b

**Fuze Type:**

Point initiating, base detonating

**Fuze Model Number:**

M509a1 /m509e6/

**Supplementary Charge:**

Not included

**Weapon For Which Designed:**

Gun, cannon m36 and gun, cannon m41 and gun, cannon m54

**Muzzle Velocity:**

4000.0 feet per second

**Propellant Characteristic Markings:**

Not required

**Proximity Fuze Adaptability:**

Not adaptable

**Dod Ammunition Code:**

1315-c294

**Dot Identification Number:**

Un0321

**Dot Registration Code:**

Ex1988120942

**Net Explosive Weight:**

9.45 storage pounds and 9.45 transportation pounds

**Gross Weight:**

109.0 shipping container pounds and 1832.0 pallet pounds

**Hazardous Material Classification Code:**

1.2.1 department of defense hazard class division

**Quantity Per Shipping Container:**

2

**Shipping Container Quantity Per Pallet:**

20 pallet

**Dot Proper Shipping Name:**

Cartridges for weapons

**Reference Number Differentiating Characteristics:**

Differentiated by cartridge model, fuze model, and packaging

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

T007-e