

TECHNICAL DATA SHEET (TDS)

Product: BC68 Non-chemical (Inert) training and testing ammunition

Brand: TactiBall

1. PRODUCT DESCRIPTION AND INTENDED USE

The BC68 is a training munition designed to simulate the ballistic behavior of live ammunition (Live/Live-X) without containing chemical irritants (PAVA/OC). The product features a polystyrene-based plastic body and creates a harmless inert dust cloud upon impact to provide visual confirmation of the hit.

2. PHYSICAL AND TECHNICAL SPECIFICATIONS

The following technical data is based on standard production tolerances.

Feature	Value / Description
Caliber	.68
Weight	~3 grams
Action Type	Kinetic Energy + Inert Powder Dispersion
Filler Material	Aluminum Hydroxide (Inert, >%95)
Capsule Material	Plastic (Polystyrene based)
Color	White-Blue
Physical State (Filler)	Powder (White, odorless)
Operating Temperature	-30°C to +65°C
Shelf Life	Average 3 years from production
Solubility in Water	Low (Filler material)

3. AREAS OF USE

The BC68 is developed for non-operational training and testing scenarios:

- Target shooting and ballistic training.
 - Scenario-based security training.
 - Launcher testing and calibration studies.
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4. USAGE & SAFETY INSTRUCTIONS

Although this product is classified as "Less-lethal," it carries a risk of mechanical impact.

- **Minimum Distance:** A safe distance of at least **10 meters** must be maintained between the target and the shooter.
 - **Prohibited Zones:** NEVER aim at the head, face, throat, or spine.
 - **PPE (Personal Protective Equipment):** Everyone in the firing area must use ANSI-approved protective goggles or full-face masks.
 - **Preparation:** Check ammunition for cracks or deformation before use; damaged products must not be used as they may burst inside the barrel.
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5. STORAGE & HANDLING

Proper storage conditions are essential for product performance and shelf life.

- **Environment:** Store in a cool, dry place in sealed packaging protected from moisture.
 - **Temperature Sensitivity:** Do not leave in extremely hot (e.g., vehicle trunks) or cold environments for extended periods; this may cause deformation.
 - **Safety:** Keep out of reach of children and store in locked areas.
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6. REGULATORY & CLASSIFICATION

- **CLP (EC 1272/2008):** Not classified as hazardous.
 - **Content Risk:** Does not contain PAVA, OC, or Capsaicin. No risk of chemical burns.
 - **Transport (ADR/IATA):** Not classified as dangerous goods.
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7. MANUFACTURER CONTACT INFORMATION

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