

# Fact Sheet

## Projectiles M121A1, 155mm

## Chemical Agent GB and VX

**DESCRIPTION:** The 155mm projectile has a hollow one-piece steel shell that is press fitted with a burster casing. Detonation depends on the fuze type selected. Fuze functioning detonates an explosive charge, which ruptures the projectile and heats and disperses the agent as an aerosol. The fuze cavity is sealed with a closing plug and gasket. There is a metal rotating band about five inches from the base; it is protected with a grommet. The rotating band imparts a spin to the projectile as it travels through the rifling of the gun tube. The GB projectile cavity contains 6.5 pounds of liquid nerve agent; the VX projectile cavity contains 6.0 pounds. A lifting plug is installed into the fuze cavity to ease handling and shipping. Projectiles are stored with the explosive burster and supplemental charge.

**PACKAGING:** The projectiles are packed eight to a two-piece, skidded pallet. The loaded pallet weighs 831 pounds. The dimensions are approximately 27 inches x 14 inches x 32 inches, with a displacement of 6.8 cubic feet.

**MONITORING:** Every projectile storage structure's interior ambient air is monitored at least weekly. All projectiles are visually inspected for evidence of liquid agent leakage and serviceability on a quarterly basis. If leakage occurs, the projectiles are overpacked in a propellant charge container or a single-round container.

