

GRENADE HAND No. 76

This grenade was variously known as the:

Allbright and Wilson Bomb (AW Bomb)
Self-igniting Phosphorous Grenade (SIP grenade)
Projector No. 76.

It was introduced in the dark days of WWII when the UK was expecting an invasion at any moment and anything that might be used against the German Juggernaut was hurriedly put into service.

It consisted of a glass bottle filled with the following horrible mixture:

128 cc of White Phosphorous mixed with phosphorous sulphide
21cc of water
110cc of Benzene
88.9mm of crude rubber

There was a 10% air space in the bottle to allow for expansion of the liquid. During storage the strip of rubber dissolved in the liquids and provided an adhesive quality to the mixture.

The bottle was sealed with a crown seal painted red for hand throwing and green for projection from the Northover projector. The difference was that the projected version was a slightly stronger bottle.

The idea was to approach a tank and throw the bottle against it, or if possible inside any open hatches. The breaking of the bottle caused the WP to ignite on contact with the air thus setting the benzene alight. Theoretically this set fire to engine compartments, fuel supplies or even the crew. As can be imagined it is an activity that is fraught with danger. For starters the Panzers never operated alone and secondly they rarely operated in a battle zone with hatches open. But it was better than nothing in those worrisome days.

It was never formally introduced as a service store in the Army being only ever used by the Home Guard.

No. 76 grenade hand or projector SIP.



Rubber drill version.



Cylinder for the drill grenade.

PRECAUTIONS

A W BOMBS fire instantly on breaking in air.
If fire is started accidentally, use water freely.
Store bombs (preferably in cases) in cool place, under water if possible.
Do not store near inflammable material.
Avoid storing many bombs close together if possible.
Stringent precautions must be taken to avoid cracking bombs during handling.
The caps must never be removed.

Label from the inside lid of box



Cartridge for the Northover projector.



No. 76 SIP grenade drill version.



The top line reads "NORTHOVER PROJECTOR"



