

PATHE GAZETTE: 40/46. (DUBLIN)

SELF SEALING TANK

One of the weakest spots of a military plane is its petrol tank, machine gun bullets can puncture it, causing the fuel to flow out as shown in this demonstration. As you can see, the tank takes it badly and in a few moments it's in flames. But now at Baltimore, Maryland, they're experimenting with a new type of tank that seals itself after being riddled with bullets. It's made of a secret composition of artificial rubber which the inventors claim is better than any other kind of rubber. Watch what happens with one of the new self-sealers. First the tank is filled with inflammable fluid and then it's pelted with bullets. The tracer bullets show just where they hit and though they go right through both sides the holes automatically seal up and no harm is done. This is the sort of tank that will make flying safer.