

INFORMATION REPORT

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COUNTRY: Yugoslavia
SUBJECT: Production of Plastic Explosives

CONFIDENTIAL

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NO. OF ENCLS. (LISTED BELOW)
SUPPLEMENT TO REPORT NO.
50X1-HUM

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1. The plastic explosive produced in the Kamnik gunpowder factory is a German invention, introduced to the factory by German engineers employed there.
2. The explosive is referred to by several names, such as Dualin, Sebastin, and Seranin. Pyroxylin, especially prepared (cotton dipped in a mixture of saltpeter or azote and sulphuric acid*), dissolves in nitroglycerine and produces a jelly-like or rubber substance which is extremely insensitive to mechanical shock and is not affected by water. It has a destructive power greater than that of dynamite or compressed pyroxylin. This preparation is used as a gelatine explosive.
3. If less than seven to eight percent pyroxylin is dissolved in nitroglycerine, a syrup is obtained which requires a smaller amount of porous powder in order to produce dynamites which are better conservers of nitroglycerine under pressure and in water than earthy dynamites. Explosives thus obtained can be modified so that, in addition to an explosive effect, they can also exert pressure.

This document is hereby regraded to CONFIDENTIAL in accordance with the letter of 16 October 1978 from the Director of Central Intelligence to the Archivist of the United States.
Next Review Date: 2008

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