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SX34 DECONTAMINATION PRODUCT FOR THE APPLICATION ON SURFACES AND MATERIALS OR "EVEN NON-SENSITIVE" PARTS OF THEM, SUCH AS FABRICS, PROTECTIVE CLOTHING, INDIVIDUAL WEAPONS, ETC.

Description

SX34 is a **CBRN decontaminant** product used on **sensitive materials** (such as: detectors, platforms of vehicles, boats, aircrafts, detection equipment, individual equipment, such as optical equipment and radio fig. 1), suitable also for "**non-sensitive**" materials and surfaces. When the contaminated material does not offer the possibility of being compatible with liquid decontaminants, the SX 34 allows a semi-dry decontamination that does not alter the characteristics of the treated material.

The SX34 is a **ready-to-use three-phase spray product**, contained in pressurized canisters, which can be applied as a "peelable paint" on the surfaces to be decontaminated.

The contaminants are extracted from the surface of the material, even if penetrated into the structure of the material itself, bringing them to the surface and allowing the trapping and subsequent easy removal in the solid phase.

The decontaminating mixture, thanks to the presence of a solvent-cosolvent system mobilizes and traps unwanted substances, in an extremely wide range of polarity that can be used against classes of contaminants chemically and physically very different.

The **SX34** covers the treated surface and within a maximum time of 15-20 min it allows the extraction of the contaminant. If the contamination is particularly heavy, the residues of the agent will be removed with several cycles of treatment. Whitish spots on the surface indicate the need of an additional cycle of treatment. **The SX34 can be used on any material without damaging it. The removal of decontamination residues** is carried out at the tactical-operative level by using the supplied brush and at an in-depth level, through the special vacuum cleaner.

Thanks to its chemical-physical characteristics, the SX34 can be used to decontaminate materials of different types such as: wood, bricks, painted steel, etc., including **fabrics** (also those of the individual protections, both waterproof and permeable, fig. 3), **armament materials** (and the connected optoelectronic systems, fig. 2), as well as the rest of the **equipment** (sensitive or not) of an operator.

The chemical or biological product removed from the treated surfaces suffers over time a phenomenon of catalysed degradation (detoxification) by photo catalysis.

Environmental impact

The SX34 is made of substances **with low environmental impact**, moreover the formulation does **not provide the content of substances that have restrictions on use, both at national and international level.**

Certifications

The **SX34** product complies with the AEP7 NATO regulations for decontamination of materials including "sensitive" and **tested with CBWA and RN real aggressive agents** (sealed and not sealed sources) by the most important NATO laboratories.



Fig. 1-SX34 on avionics



Fig. 2-SX34 on weapon



Fig. 3-SX34 on protective clothing "Future Soldier"