



Nanex Technical Data sheet

Nanex Eco Protector

Technical information:

The Nanex Eco protector is an ultra-thin film impregnation technology designed for protecting Synthetic & Natural textiles, leathers, suede & nubuck. Only one layer of the product is needed.

When applied to absorbent materials, the object should be slightly wetted after application. For leathers & non-absorbent materials a micro-fiber cloth is needed. When applied the product should be polished in circular motions after applying true spraying.

* It is important to avoid droplets or spotting on non-absorbent materials when applying !

The product dries within 3-4 hours and treated items can be used directly afterwards, full properties are achieved within 24-36 hours. The protective layer is invisible, breathable and lasts up to 6-12 months after application.

Due to the hardness & barrier properties of the polymer, the coating will enhance & strengthen the fibres against wear & tear. The protective layer is UV-resistant, highly repels water & blocks dirt. This has the effect that stains do not penetrate the fibre and can easily be removed from the surface. On leathers it will feed & restore the leather's original flexibility and color/shine.

Applications:

The spray-on protector is designed for all materials that require handwashing. Examples: Shoes, Coats, jackets, gloves, hats, bags, ...

List of active ingredients:

- Water based solution
- Modified Mineral based polymer (Nano SiO₂)
- Natural Salts
- 15% Co-solvents

No harmful or toxic components like, Fluorocarbons, phosphates, NTA, EDTA, chlorine are present.



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Sustainability & Technology summary:

Currently the high-quality protectors are Fluorocarbon & Solvent based packaged in aerosols. The few alternatives in the market that are non-toxic are still mainly composed of petrochemical ingredients. having a much lower protection rate & quality level than the market standard.

We wanted to bring a universal, high-quality product to the market: that is mineral based to achieve best properties on all materials with the highest environmental standard. Combined with a unique packaging that is air-pressured adjusted for indoor applications and excellent dispersing when applied without the use of gases and solvents.

Our polymers are non-toxic and degrade within 20-30 years to sand like structures.

Possible claims:

100% eco-friendly, 100% non-toxic, water based, Mineral based product,
Air-pressured bottle.

Certification possible:

OEKOTEX / VEGAN / BLUESIGN